Fairmont State College Library
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FAIRMONT STATE COLLEGE

1867

CATALOGUE

1960-61

IMPORTANT NOTICES

CORRESPONDENCE: To avoid delay correspondence should be addressed as indicated below:

Admissions

For everything concerned with the admission of students, including requests for the college catalogue and other publications, academic credits, and information about fees, address

The Registrar and Director of Admissions

General College Interest and Development, address

The President

The Faculty, Curricula, Instruction, Summer Session, Evening and Extension Classes, address

The Dean of the College

Guidance and Counseling, Student Employment, and Placement, address

The Director of Student Personnel

Housing for Women, Admission to the Dormitory, etc., address

The Director of Admissions

Housing for Men, Admission to Veterans' Housing Units, etc., address

The Director of Admissions

Student Accounts, Deferred Payments, and Purchases, address

The Business Manager

Alumni Activities, address

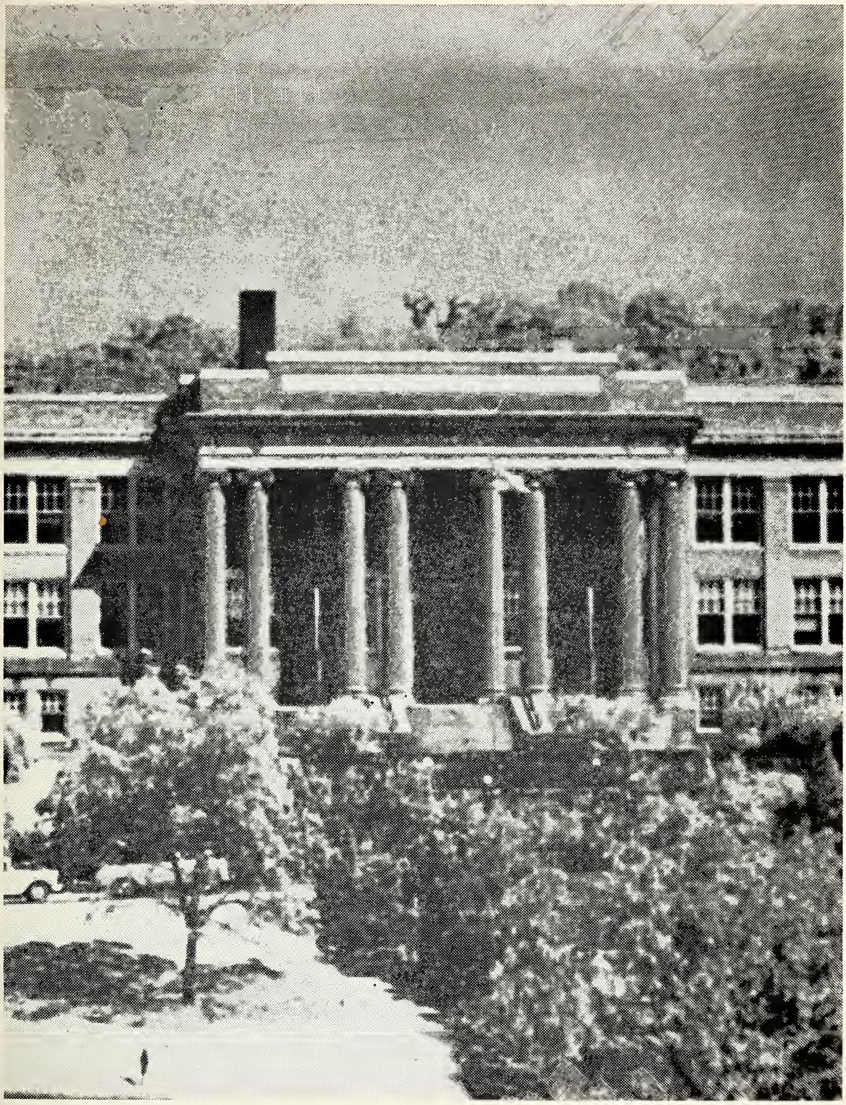
The Alumni Secretary

Veterans' Affairs, address

The Dean of Men

CATALOGUE: Students are urged to secure **and to retain throughout the period of their enrollment** a copy of the annual catalogue for the year in which they entered. Unless changes beyond the control of Fairmont State College occur, or an unusually long period ensues between original enrollment and candidacy for graduation, students will be permitted to graduate under requirements prevailing at the time of entrance.

Visit With Us . . .



Administration Building

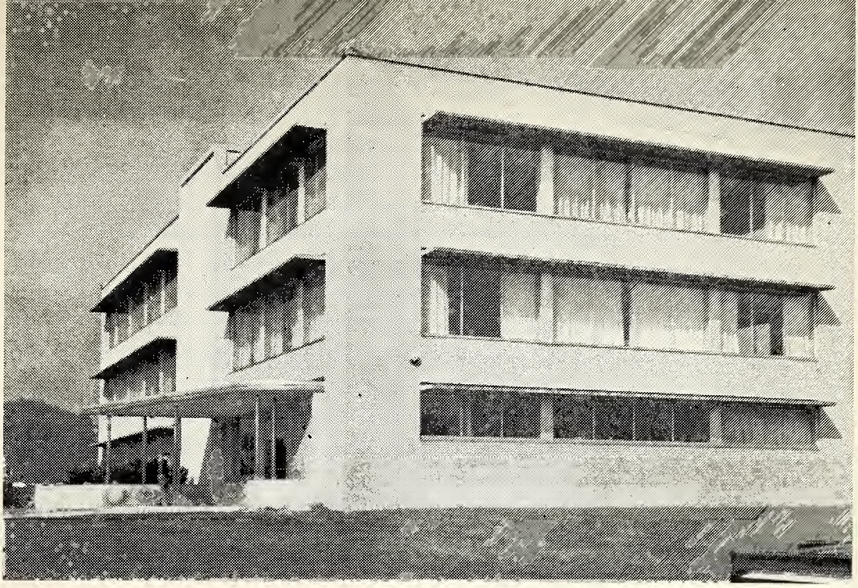
FAIRMONT STATE COLLEGE

"The Friendly College in a Friendly City . . .
Serving the State"

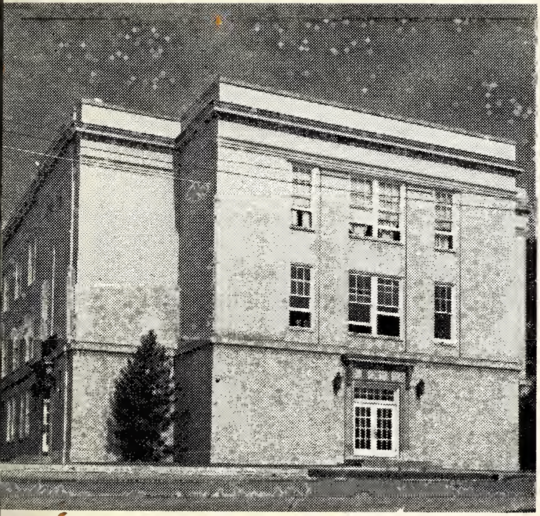
FAIRMONT COLLEGE LIBRARY

Science Building

FAIRMONT STATE'S large Science Building provides adequate space for laboratories and lecture rooms for Biology, Chemistry, Physics, Zoology, Home Economics and Business classes.



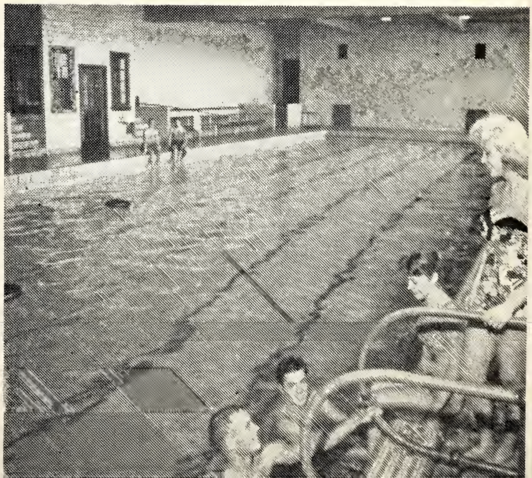
Modern Library



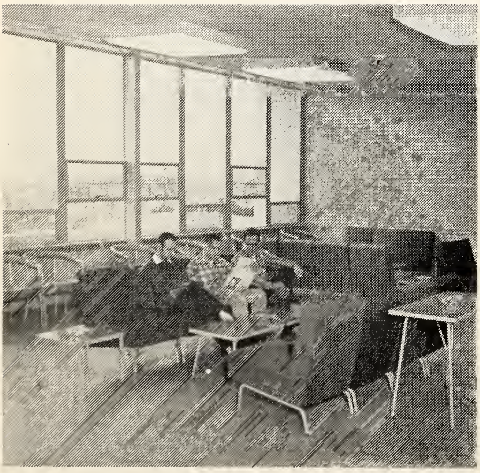
Colebank Gymnasium

THE MODERN yellow brick library, completed in 1952, is one of the finest in the state. Located on the main campus level, it is easily accessible to students and faculty.

SPORTS ACTIVITIES center about Colebank Gymnasium and nearby Rosier Field. Large and small gym floors are located in the building as well as the regulation swimming pool.

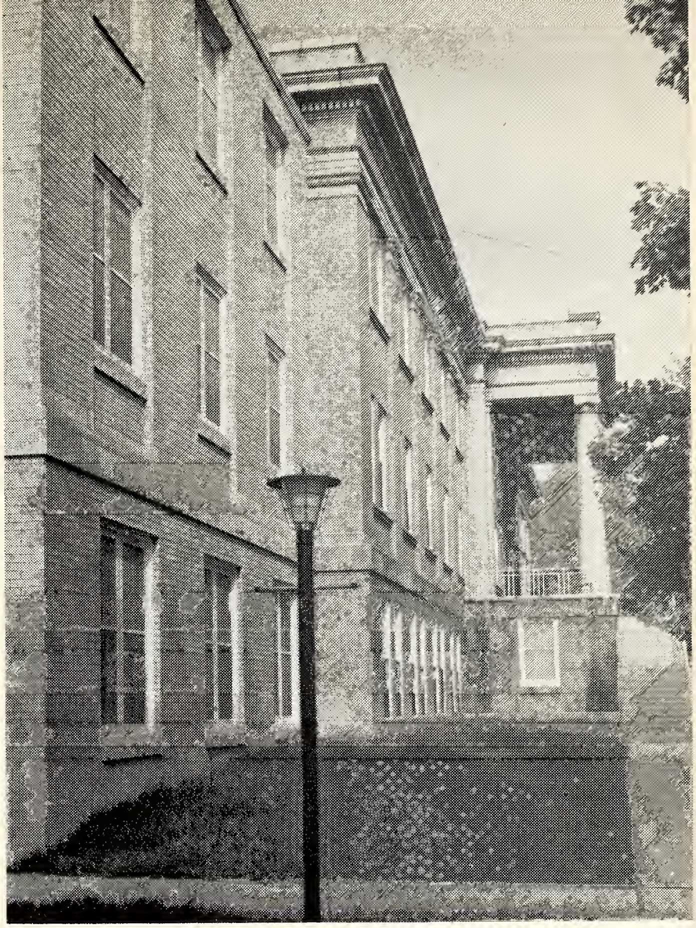


Men's Dormitory



OPENED IN JANUAR of 1959, the new Men' Dormitory is an exampl of progress at the colleg The contemporary structure was erected at a cos of approximately $450,00 and has accommodation for 132 men.

The modernistic mai lounge overlooks the campus and City of Fairmon and is a favorite meetin place for the college me



Morrow Hall

WOMEN'S RESIDENCE at Fairmont State is Morrow Hall which houses 116 women. The building was completely remodeled in 1958 and two new wings were added to the original center structure.

In addition to newly decorated bedrooms, Morrow Hall has a main social lounge, recreation room and the College Cafeteria.

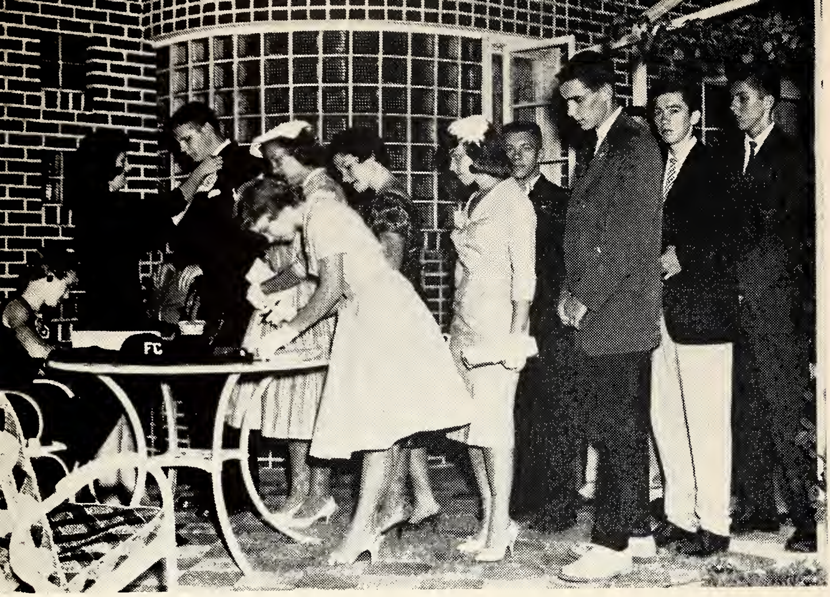
Campus Activities . . .

FAIRMONT STATE COLLEGE students enjoy a wide range of campus activities throughout the school year. Under the direction of the Student Council, events are well spaced so they will not conflict.

STUDENT
CENTER

Student Center

THE HUB of Fairmont State's social activities is the new Student Center, opened in the autumn of 1959. Snack bar facilities offer light lunches and soft drinks during the day and evening hours. The center also provides a ballroom, recreation room, conference room, small auditorium and other leisure-time facilities.

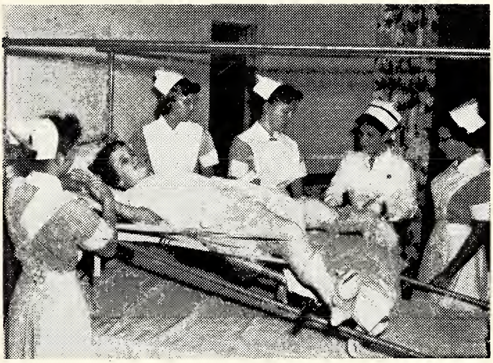


Festive Freshmen . . .

FAIRMONT
STATE

FRESHMAN WEEK at Fairmon State is highlighted by the afternoo reception in the President's home the torchlight thuse and the annua MIXER. Student Council sponsor the week of orientation activities before formal registration.

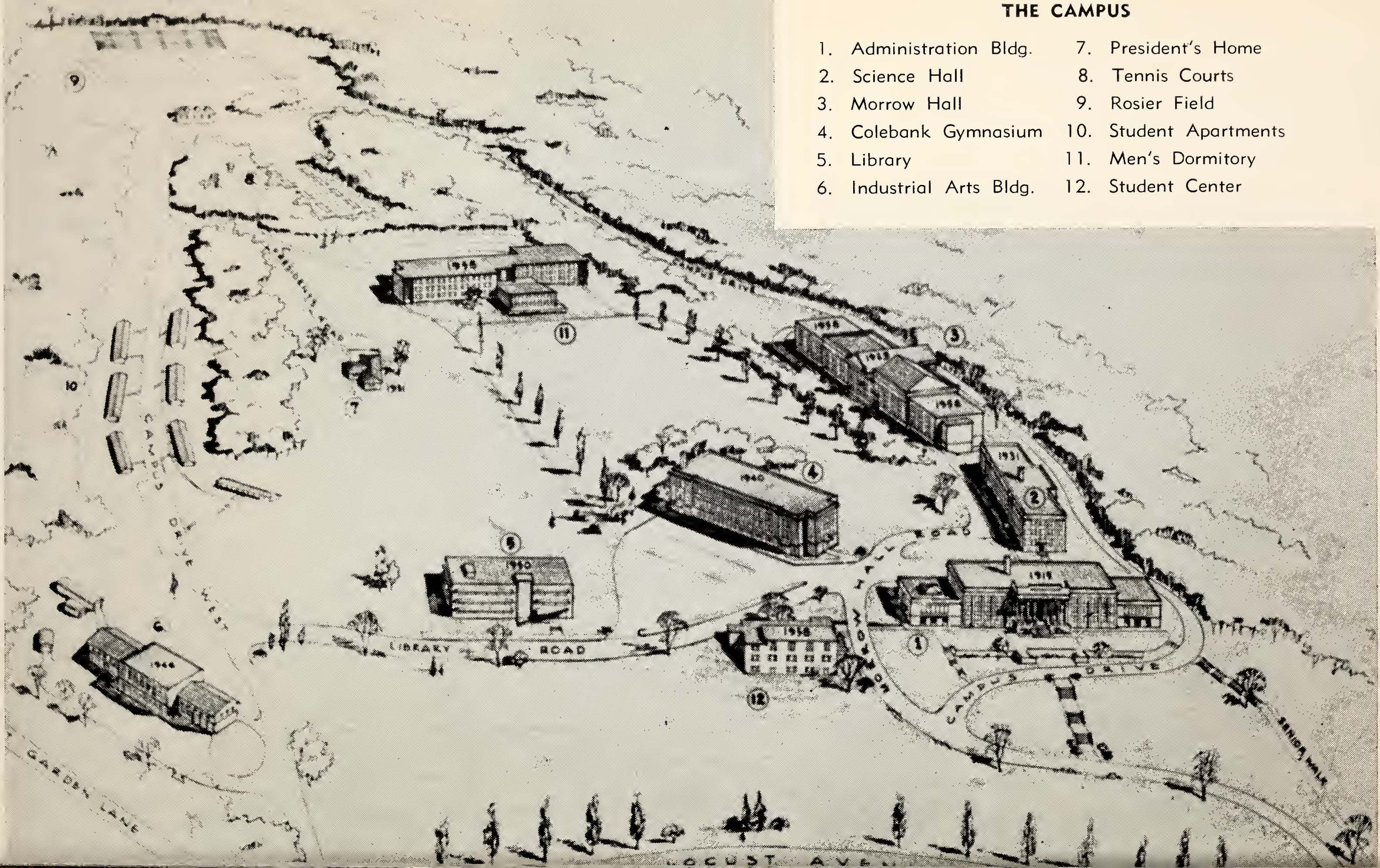
Students At Work . . .



CAMBRIDGE 4 HARNESS LOOM

THE CAMPUS

1. Administration Bldg.
2. Science Hall
3. Morrow Hall
4. Colebank Gymnasium
5. Library
6. Industrial Arts Bldg.
7. President's Home
8. Tennis Courts
9. Rosier Field
10. Student Apartments
11. Men's Dormitory
12. Student Center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CAMPUS DRIVE
LIBRARY ROAD
CAMPUS DRIVE WEST
GARDEN LANE
LOCUST AVE
SENIOR WALK

FAIRMONT
STATE COLLEGE

Volume XC JANUARY 1, 1960 Number 1

1867

GENERAL CATALOGUE
1960-61

FAIRMONT, WEST VIRGINIA

ROSE CITY PRESS, CHARLESTON, W. VA.

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1960-65

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CALENDAR FOR 1960-61

1960

June 1, Wednesday	Registration for First Term—Summer Session
June 2, Thursday	First Classes—Summer Session, 8:00 a. m.
June 7, Tuesday	Last Enrollment Day—First Summer Term
July 12, Tuesday	Final Class Meetings, First Summer Session
July 13, Wednesday	*Registration for Second Summer Term—Summer Session
July 14, Thursday	First Classes, Second Summer Session
July 18, Monday	Last Enrollment Day—Second Summer Term
August 20, Saturday	Final Class Meetings, Second Summer Session
September 5, Monday, 10 a. m.-10 p. m.	Dormitories Open for Freshmen Residents
September 6-10, Tuesday through Saturday	Orientation and Registration—Freshmen Students
September 7, Wednesday	Registration of Evening Students—6:00 p. m.
September 10, Saturday	Registration Upperclass Students (Late Registration Fee after this date)
September 12, Monday	First Class Meeting—8:00 a. m.
September 14, Wednesday	First Class Meeting—Evening Classes
September 16, Friday	Last Enrollment Day, First Semester—No Classes may be scheduled after this date
November 4, Friday	Last day for class withdrawal Mid-Semester Reports due—4:00 p. m.
November 23, Wednesday	Thanksgiving Recess Begins—4:00 p. m.
November 28, Monday	Classes resume—8:00 a. m.
November 28-December 2, Monday through Friday	Pre-Registration Upperclassmen, Second Semester
December 5-9, Monday through Friday	Pre-Registration Freshmen, Second Semester
December 20, Tuesday	Christmas Recess Begins—4:00 p. m.

*Classes will be in session, Saturday, July 16, and August 20

1961

January 4, Wednesday	Classes Resume—8:00 a. m.
January 12, Thursday, 8 a. m. through January 18, Wednesday	Final Examinations—First Semester
January 23, Monday	Registration Freshmen Students—Second Semester
January 24, Tuesday	Registration Upperclass Students—Second Semester (Late Registration Fee after this date)
January 25, Wednesday	Registration Evening Students—6:00 p. m.
January 25, Wednesday	First Class Meetings—Second Semester, 8:00 a. m.
February 1, Wednesday	First Class Meetings, Evening Classes
February 3, Friday	Last Enrollment Day, Second Semester No Classes may be scheduled after this date
March 24, Friday	Last day for class withdrawal Mid-Semester Reports due—4:00 p. m.
March 29, Wednesday	Easter Recess Begins—10:30 p. m.
April 4, Tuesday	Classes resume—8:00 a. m.
May 1-5, Monday through Friday	Pre-Registration for Summer Sessions and First Semester 1960-61, Upperclassmen
May 8-12, Monday through Friday	Pre-Registration for Summer Session and First Semester 1960-61, Freshmen
May 18, Thursday, 8 a. m. through May 24, Wednesday	Final Examinations—Second Semester
May 26, Friday	Reception for graduates and alumni—8:00 p. m.
May 27, Saturday	Commencement Exercises

FAIRMONT STATE COLLEGE

FAIRMONT, WEST VIRGINIA

Established 1867

WEST VIRGINIA BOARD OF EDUCATION

The State Board of Education has complete control over the educational, administrative, and fiscal policies of Fairmont State College. The personnel list of the present board follows:

James E. Ansel, *President,* Moorefield	1960
Lacy T. Rice, *Vice-President,* Martinsburg	1967
Lawrence R. Lynch, Clarksburg	1959
Raymond Brewster, Huntington	1961
S. J. Baskerville, Charleston	1962
J. H. Murry, Jenkinjones	1963
C. Lee Spillers, Wheeling	1964
Joseph C. Jefferds, Charleston	1965
A. H. Spangler, Bluefield	1966
R. Virgil Rohrbough, *State Superintendent of Free Schools, member ex officio,* Charleston	1961
H. K. Baer, *Secretary and Director of Teacher Training,* Charleston	
Homer W. Cox, *Administrative Assistant,* Charleston	
George T. West, *Supervisor of Buildings, and Maintenance,* Charleston.	

FAIRMONT STATE COLLEGE

Administrative Officers of the College

JOHN W. PENCE, M.A., L.L.D., *President*

GEORGE R. HUNT, PH.D., *Dean of the College*

GEORGE H. TURLEY, M.A., *Dean of Men, Coordinator of Veterans' Affairs*

VIVIAN L. GIBSON, M.A., *Dean of Women*

WAYNE S. MARTIN, ED.D., *Director of Student Personnel*

OTIS H. MILAM, JR., M.A., *Registrar, Director of Admissions*

JOSEPHINE L. ROSIER, B.S.L.S., *Librarian*

WILFORD R. WILSON, M.A., *Director of Athletics*

JAMES M. SELLERS, *Business Manager*

HARRY C. FLEMING, M.D., *Director of Student Health Service*

EDGAR L. WILLIAMS, JR., B.S., *Superintendent of Buildings and Grounds*

GENERAL INFORMATION

LOCATION

Fairmont State College is a coeducational institution of higher education located at Fairmont, West Virginia. Fairmont is a city of about 30,000 population, the county seat of Marion County, and the center of the coal industry of northern West Virginia. It is the operating headquarters and home of a number of large coal, utility, and manufacturing concerns. The city offers unusual cultural and economic advantages. It possesses excellent stores, several theatres, and numerous churches of all faiths. Community groups provide excellent outlets for local talent. Student and faculty members of Fairmont State College are encouraged to take an active part in these various community activities.

PURPOSE AND AIMS

Fairmont State College is a four-year state college whose purpose is to serve its area and the state at large by offering such undergraduate curricula in general and vocational education as the West Virginia Board of Education may approve from time to time.

Under this broad directive, Fairmont State College offers curricula for the preparation of elementary and high school teachers and curricula leading to degrees in the liberal arts and sciences. Besides the courses terminating with the granting of degrees, Fairmont State College offers two-year curricula in several areas and two to three years of pre-professional training in a number of fields.

The evening classes and extension programs offered are designed to meet the needs of in-service teachers of the area and to provide local business and professional people opportunities for additional training in their particular fields.

In addition to its formal academic program, the College is interested in participating actively in worthwhile community projects. To that end, it is the policy of the college administration to share with the community the cultural program and physical facilities of the College.

By providing a suitable environment, good equipment, and a well-trained staff, Fairmont State College aims to offer for its students training that should equip them with vocational and personal fitness for life, and to provide the community with a source of information and culture.

HISTORY

Founded as a private teacher training school in 1865, Fairmont became a normal school under state control in 1867. Housed originally in space provided by a local church, Fairmont State College has since occupied sites at the head of Adams Street and at Second Street and Fairmont Avenue in the block now containing the United States Post Office. In 1917 the College was moved to its present location on Locust Avenue.

Fairmont State College is the oldest normal school south of the Mason and Dixon Line, and the earliest recipient of aid from the George Peabody Fund. Operated as a teacher training school with some academic work on the secondary school level, Fairmont's scope was widened in 1908 when teachers were permitted examinations. In 1924 Fairmont granted its first bachelor's degree in education on the basis of the completion of a four year college course. In 1931 the Legislature changed the name of Fairmont State Normal School to Fairmont State Teachers College. The title was again changed by the Legislature in 1943 to FAIRMONT STATE COLLEGE, and authorization was given to offer Bachelor of Arts and Bachelor of Science degrees. As a result of these developments, Fairmont is now authorized and equipped to offer a wider educational service to the people of West Virginia than ever before in its long history.

CAMPUS

The Fairmont State College Campus consists of approximately seventy acres with its principal frontage on Locust Avenue Extension. On a commanding site overlooking much of the city of Fairmont, the college is readily accessible to all students by private car or public transportation.

BUILDINGS AND EQUIPMENT

Fairmont State College possesses an unusually modern and well-equipped physical plant.

The Administration Building is the oldest and largest building on the campus. In addition to the administrative offices, it houses numerous classrooms, and other facilities. Centered by its famous "columns," the Administration Building presents an impressive frontage to Locust Avenue, one of Fairmont's busiest thoroughfares.

An auditorium with a seating capacity of 500 persons is located in one wing of the Administration Building. Here dramatic productions, concerts, assemblies, and other important campus activities are carried on.

The Library Building is a three story structure of steel, concrete, glass, and brick. Functional rather than monumental in design, it emphasizes accessibility of books, attractive informal appearance, good lighting, acoustical treatment and mechanical ventilation. In addition to the usual library facilities and services, there is a typing room for the use of students, a number of individual study desks and carrels, music listening facilities, an art materials room, two seminar rooms and a moving picture screening room.

At the present time there are approximately 42,000 volumes, exclusive of government documents for which the Library is an approved depository. The Library receives many daily newspapers and more than 260 periodicals. It also operates a film rental service for the benefit of the several departments and campus organizations. The Library maintains a collection of over 400 albums of records for faculty and student use.

Science Hall is a large, light-brick building housing the departments of Mathematics, Natural and Biological Science, Home Economics, and Business Administration.

Colebank Gymnasium is one of the newer campus buildings. It contains two gymnasiums, one for men and one for women. It also contains a fine swimming pool, classrooms, lockers, showers, equipment, and office rooms. It is constantly in use for the various activities of the Physical Education Department and for the campus generally.

Morrow Hall is a three story, light-brick building, built as a women's dormitory. Recently this building has been enlarged by constructing a new wing at each end of the older structure. The modernized structure will now accommodate 116 women. Included in the building also are four efficiency apartments and the College Cafeteria.

Men's Dormitory is a new three story, light-brick building, located on a commanding site above the main campus. The building has accommodations for 132 men, and a resident manager. A handsome and commodious lounge area is included. Meals are not served in this building, but in the adjacent College Cafeteria.

The College Cafeteria is located on the ground floor of Morrow Hall. This area has just been thoroughly renovated and modernized. Service capacity has been doubled. A convenient lounge area for men and women has been provided.

The Industrial Arts Building is a single story-frame building with full basement. It is 195 feet long and contains a central section 75′x40′, and two wings, each 60′x25′. The building is so constructed that it can be brick veneered to match the rest of the campus units. It is well designed to provide the necessary space for an integrated course in all phases of industrial arts work. A smaller unit of the quonset hut type is available, in an adjoining location, for additional offerings in the Industrial Arts field.

The Music Practice Studio, situated to the rear of Colebank Gymnasium, provides studios and practice rooms for the Music Department.

The Field House, situated on Rosier Field, is equipped with dressing rooms, lockers, and showers for visiting and local football and baseball teams.

Rosier Field, situated at the upper end of the campus, is one of the beauty spots of Fairmont. Space is provided for a large football field, practice fields, baseball diamond and parking space. A concrete stadium capable of seating 5,500 spectators is provided. Nearby are 6 tennis courts.

The President's Home is a ranch-type structure of brick construction, situated on a knoll overlooking the main campus.

Campus Apartments, situated in nine barracks type buildings, are available on the campus for rental to married students. These units are conveniently located with regard to classrooms, the student union, library, and gymnasium. Accommodations are currently available for 32 married men.

Student Union Building, a light-brick building, situated centrally on the campus, contains the snack bar, the College Bookstore, a large ballroom, and other social and operating facilities. This building is the center for all student activities on the campus.

ACADEMIC INFORMATION

ACCREDITING

Fairmont State College is fully accredited by the North Central Association of Colleges and Secondary Schools and the National Council for Accreditation of Teacher Education. The College also holds membership in the American Association of Colleges for Teacher Education, the Association of American Colleges, the American Council on Education, the National Commission on Accrediting, and the American Association of University Women. These affiliations guarantee to Fairmont State College graduates and students full recognition of their earned credits in other colleges and universities.

DEGREES

The degrees granted by Fairmont State College are Bachelor of Science, Bachelor of Arts, and Bachelor of Arts in Education. For each degree 128 semester hours of credit are required. The number of quality points required for a degree is not less than 256, but may be more, for each student must average two points for each semester hour attempted. This is to say that the quality point average is computed by using all courses entered on the student's permanent record card. No student shall be awarded more than one baccalaureate degree.

ADMISSION 1960-61

Admission to Fairmont State College may be obtained: (1) by certificate of graduation and credit properly certified from an accredited high school, (2) by properly certified transcript of credit and statement of good standing from a standard college or university, and (3) by examination.

Admission of High School Graduates: An applicant for admission by high school certificate should file with the Registrar an official statement of his credits, signed by the proper official of the school from which he comes. This certificate should come directly from the principal of the secondary school to the Registrar of the College. The Registrar will notify the applicant as to the acceptance of his credits.

Transfer Students: Any applicant for admission to Fairmont State College who has attended another institution of collegiate rank will be classified as a **transfer student,** whether he has earned credit or not. To be admitted as a transfer student, one must meet the entrance requirements of this college and present evidence that he is in good standing in every respect at the institution last attended. Students who have been dismissed for academic or social reasons will not be eligible for admission. Students whose scholarship average is below C (2.0) in previous college work may be admitted on probation if such an admission seems warranted. In no case shall a student be admitted whose record is such that he would have been dropped at Fairmont State College.

Transfer credits are posted on the permanent record as received. All grades received by a transfer student in the college or colleges which he has previously attended must be included in the calculation of his quality point average even though some of the grades do not represent courses for which credit can be granted.

To be official, a transcript must come direct from the institution issuing it and must bear the official seal of the institution, and the manual signature of the proper authority. The transcript should show the descriptive title of the courses, the year in which the work was done, the number of credits, and the grades. A transcript, when accepted, becomes the permanent property of the college and will not be returned to the student. Such transcripts should be sent at least thirty days prior to the opening of the semester or term.

Examination for Entrance: Veterans of World War II who have not graduated from high schools will be given an opportunity to enter college on the basis of United States Armed Forces Institute General Educational Development tests.

No credit of collegiate grade will be allowed for work done in the former normal training schools, except as authorized by the West Virginia State Board of Education. By the action of the board five-eighths college credit may be allowed for such work up to a maximum of 20 hours, provided credit was earned after graduation from high school.

Exceptions to the regulations on admission:

1. A mature student who is 21 years old, or older, may enter Fairmont State College as a special student when he is deficient in entrance requirements but he must meet these requirements before he can be granted a degree or be recommended for a teacher's certificate.

2. A student who lacks only one unit of credit for graduation from his high school may be granted admission to Fairmont State College with the condition that he complete one unit entrance requirement during his first year in college.

ADMISSION 1961-62

Students contemplating college attendance in the fall of 1961 are advised that the West Virginia Board of Education, at its meeting of October 22, 1958, approved the following selective admissions policy effective for the school year 1961-62:

(1) Graduates of approved secondary schools who rank in upper ¾ of graduating class will be admitted without question unless convincing evidence of serious health or character defect is received.

(2) Graduates of approved secondary schools who graduate in lower quarter of graduating class will be admitted if they achieve a ranking of the 25th Percentile (W. Va. Norms) or better on the SCAT test, unless convincing evidence of serious health or character defect is received.

(3) Non-high school graduates (veterans and persons over the age of 21) will be admitted if on the General Education Development test an applicant attains a standard score of 40 on each of the five parts or a standard score of 50 as an average on all the test, unless convincing evidence of serious health or character defect is received.

(4) That all secondary schools will adopt the Revised Secondary School Record and the Revised Personality Record (Confidential) and the method of Determining Rank in Class as recommended by the Joint Committee of the National Association of Secondary School Principals and the American Association of Collegiate Registrars and Admissions Officers.

Prospective students should also know that the West Virginia Board of Education, at its meeting of January 21, 1959, approved a resolution recommending that the following pattern of high school units be presented for admission, effective September, 1961:

English	4 Units	Social Studies	3 Units
Science	2 Units	(Am. Hist.	1 Unit)
Mathematics	2 Units	Health and Physical Ed.	1 Unit

Recommend: Foreign Language 2 Units

In view of these resolutions it behooves each prospective student to ascertain his scholastic standing and to plan his high school program carefully so that the above standards will be met.

PREREGISTRATION

The situation arising from the pressure of increased enrollment and the adoption of a policy of selective admission makes changes in the registration procedure necessary. All students who will enroll at Fairmont State College in September, 1960, are urged to complete the pre-registration process set up by the college. For freshmen and transfer students this means that they should come to the Fairmont campus on one of the dates designated in the summer of 1960 to take a series of tests to be used not only as a part of the admission requirement, but also for placement and counseling services. An exception may be made for those students who live at such a distance from Fairmont as to make a special trip to the college an undue hardship, provided that permission is obtained from the Director of Admissions at least 30 days prior to the opening of the semester to waive the examination until a later date. It should be understood, however, that those students taking the tests on the designated dates will be given priority in making schedules and that those students deferring the taking of tests to a later date will find it difficult, if not impossible, to obtain a satisfactory schedule. Consequently, all students are advised to take the tests on one of the designated dates, viz., June 1, July 6, August 10 and 24.

A pre-registration period for students enrolled in Fairmont State College is regularly scheduled for each semester and is listed in the official college calendar. The purpose of pre-registration is to insure all students an adequate schedule for the ensuing term or semester. Those students who fail to pre-register are not only subjecting themselves to a penalty fee, but they are jeopardizing their opportunity to obtain a satisfactory schedule. It is a definite advantage to all students to pre-register if they expect to return to college for the following term or semester.

REGISTRATION

At least one month prior to registration day an official transcript of credit must be filed in the Office of the Registrar and Director of Admissions for each incoming freshman and each transfer student.

All students are expected to complete registration on the days set aside for this purpose at the beginning of each semester or term. No registrations will be allowed after the following dates: First summer term, June 7: second summer term, July 18; first semester, September 16; second semester February 3. Students who do not register on regular registration dates set for the term or semester (see calendar) will be charged a late registration fee.

Printed schedules of classes may be obtained from the Registrar's Office in advance of registration days. Registration cards for those students who have pre-registered will be held by the several advisers until the date set for registration; new students will receive registration cards at the times indicated in the college calendar.

Transfer students enrolling for the first time should see the Registrar before enrolling.

SEMESTER HOURS—DEFINITION

The semester hour is the basis of college credit within the institution. A lecture-recitation course meeting one period a week for a semester carries one semester hour of credit; if meeting two periods, two semester hours of credit. Laboratory courses, however, require a minimum of two periods a week for each semester hour of credit.

GRADING SYSTEM

The following system of grading is used within the institution:

A—Superior, given only to students for exceptional performance.
B—Good, given for performance distinctly above the average in quality.
C—Average, given for performance of average quality.
D—Lowest passing grade, given for performance of poor quality.
F—Failure. Course must be repeated if credit is to be received.
FIW—Failure because of irregular withdrawal.
I—Incomplete, given to a student who misses a part of the course for a reason the instructor recognizes as a valid excuse for delay in completing the assignments. Unless the work missed is completed within a year from the date the mark is recorded, the I automatically changes to an F.
WF—Withdrew Failing, from one class or from college.
WP—Withdrew Passing, from one class or from college.

QUALITY POINTS

The quality of a student's work is indicated by quality points.

Candidates for graduation must have at least twice as many quality points as semester hours attempted, that is, a point-average of 2.0 on all college work and on all work completed at Fairmont State College. Quality points for grades A, B, C, D, are computed as follows.

A—Four (4) quality points for each semester hour of credit.
B—Three (3) quality points for each semester hour of credit.
C—Two (2) quality points for each semester hour of credit.
D—One (1) quality point for each semester hour of credit.

A student's grade average is determined by dividing the number of his quality points by the number of credit hours he has scheduled. No quality points are attached to grades F, FIW, and WF, but the credit hours for the courses in which these grades are received will be used in computing his grade average.

It is the student's responsibility to keep informed of his quality point standing. This information can be obtained at any time from the Registrar.

CLASSIFICATION OF STUDENTS

Students who have completed not less than 90 hours of college work are classified as seniors.

Students who have completed not less than 58 hours and not more than 90 hours of college work are classified as juniors.

Students who have completed not less than 26 hours and not more than 58 hours of college work are classified as sophomores.

Students who have completed the high school or secondary course and not more than 26 hours work are classified as freshmen.

NUMBERING OF COURSES

Courses 100-199 are for freshmen; courses 200-299, for sophomores; courses 300-399, for juniors; courses 400-499, for seniors. With the approval of his adviser a student may enroll for a course on either the next higher or the next lower level.

CREDIT FROM A JUNIOR COLLEGE

The maximum credit accepted from a Junior College accredited by the North Central Association of Colleges and Secondary Schools or other regional accrediting associations will not exceed 72 semester hours. No more than 64 semester hours may be accepted from junior colleges which are not regionally accredited. No credit will be allowed for courses completed in a junior college subsequent to attainment of junior or higher rank by the student.

NON-RESIDENT OR OFF-CAMPUS CREDIT

One hundred (100) semester hours of the 128 required for graduation shall be completed in regularly scheduled campus courses. The 28 hours of permissible non-residence courses may be earned by extension, home study (correspondence), radio, television, special examination and/or army service. Credit earned in home study will be accepted only when earned in a regionally approved college.

ASSIGNMENTS AND CREDITS

1. Semester Load: A student who enters at the beginning of a semester may be assigned a sixteen or seventeen hour schedule, but not more, except by permission from the Registrar. An adviser may not give permission for more than seventeen hours.

2. Late Registration Fees: A fee of one dollar per day will be charged students who enroll after the day set for regular registration as indicated in the college calendar; the maximum to be $5.00. It should be understood, however, that late registrants often fail to obtain satisfactory schedules, for the policy and practice of the College is to give priority to students who register on the dates set for regular registration.

3. Schedule Changes: Students must petition the Committee on Admissions and Credits to make schedule changes after the third week of a semester or the second week of a summer term.

Students may not add new classes to their schedule after the period of registration has ended. An exception is made for classes which begin at mid-term. Registration for these classes, however, must be completed before the classes start.

4. Withdrawal from College: A student desiring to withdraw from the College will apply at the Registrar's Office. Here forms will be obtained, which when completed with the proper signatures and returned to the Registrar's Office, will constitute an official withdrawal. The instructor records on the Final Report Class Cards to the Registrar, a W for students withdrawing during the first six weeks of a semester or two weeks of a summer term. In case the official drop notice is issued after one-third of the semester or term, the instructor will record either WP or WF at the end of the period of enrollment.

No withdrawals may be made from individual classes after mid-semester. If a student drops a part of his academic load after nine weeks of the semester or three weeks of the summer term have elapsed, an F or FIW will be recorded for each course dropped. Where a student withdraws regularly from college after nine weeks of the semester or three weeks of the summer term have elapsed, the instructor will record a WP or WF, as the case may be. Such grades will be used as a part of the student's record for the semester in determining his eligibility for enrollment later.

A student who withdraws from the college without formal notice to the Registrar will receive at the end of the semester a grade of "FIW" in each subject for which he is registered.

5. Repeating a course: With the approval of his adviser, a student may repeat a course in which he has received an F or a D. When this is done, both grades will be recorded and used in computing the student's point average.

6. Minimum Residence Requirements for Graduation: For a degree, at least one year's work in residence is required, one semester of which must be in the senior year. A "year of residence" must represent not less than 32 week's work in residence and 32 hours credit. A semester is defined as a minimum of 18 weeks and 16 hours credit.

Exception is made in the case of any student who has completed three years of required work in Fairmont State College and who wishes to complete the senior year by substituting approved credit earned subsequently in a college of medicine, or dentistry.

7. Application for Graduation: Candidates for graduation must make official application for a degree at least 45 days before Commencement Day. Applications will be filed with the Registrar.

HONOR ROLL

Those students who are registered for twelve or more hours and who at the end of the semester receive grades averaging B or above are considered honor students and a list of such students constitutes what is known as the Honor Roll.

DEANS LIST

Freshmen at Fairmont State College who earn an average of 3.5 or better on a minimum load of 16 semester hours for the first semester of their college enrollment are distinguished by being on the Dean's List.

GRADUATION WITH HONORS

Candidates for graduation who have achieved special distinction in academic work are graduated with honors. Honors are determined by the cumulative quality point average of student's work at graduation. Three grades of honors are recognized: **cum laude** for a point average of 3.0 to 3.49; **magna cum laude** for a point average of 3.0-3.74; and **summa cum laude** for a point average of 3.75 or better. Averages are based upon the entire academic record of the student, including the final grades of the second semester of the senior year.

TRANSCRIPTS

Every student at Fairmont State College is entitled to one official transcript of his record free; for each additional copy a fee of one dollar ($1.00) will be charged. **No student who fails to meet his financial obligations to the College; or any department of the college, will be given a transcript.**

An application for a transcript of credit should furnish the date of last attendance at Fairmont State College, and a married woman should give both her maiden and married names. All requests for transcripts should be sent directly to the Registrar.

AUDITORS

Students who are registered in Fairmont State College may be permitted to attend classes as auditors provided they shall have obtained the written permission of their advisers and of the instructors in the classes they desire to visit. No person who enrolls in any class as an auditor may in the same semester, term, or later be considered as enrolled in this class for the purpose of obtaining credit. In no case whatsoever will auditing be regarded as a factor in obtaining credit.

Students eligible to attend classes as auditors may obtain proper permission blanks from the Registrar. Other persons, even if not registered students, may attend classes as auditors upon securing permission from the Registrar and from the instructors involved, upon payment of the regular fee. Auditors are required to complete the regular registration forms.

ABSENCES

Faculty members have the responsibility for excusing or not excusing absences. Students have the responsibility of contacting individual faculty members about their absences. Failure of students to offer satisfactory explanations of absences may bring about a lowering of the class grade, or may lead to failure in the course.

REPORTS TO STUDENTS

The grades of all students are reported by each faculty member to the several student advisers at the middle and end of each semester. Midsemester reports, unless there are special reasons, are made only for students whose work is unsatisfactory.

SPECIAL EXAMINATIONS FOR COURSE CREDIT

Students may take special examinations to qualify for credit in certain courses. For further information as to the courses covered in this manner, students should contact the Student Personnel Office. All tests are administered by the College Testing Service.

Applications must be made to the Registrar for permission to take a special examination. To qualify for permission to take such an examination, an applicant must be enrolled or must have completed successfully one semester or summer session in Fairmont State College. The applicant must, in addition, establish eligibility in regard to his background in the area concerned. In order to gain college credit by special examination, the student must demonstrate better than average proficiency in the course. Examinations will not be given for courses in which the student has obtained a low grade previously.

Applicants must pay a fee of $3.00 for each special examination, if regularly enrolled at the time of taking the examination; otherwise the fee is $2.50 per semester hour of credit to be received. A receipt for the payment of the fee must be obtained from the cashier's office. No money will be refunded if any examination if failed. No examination may be repeated.

PROBATION AND SUSPENSION

1. If and when a student becomes 10 or more points deficient, he will be placed on probation.

2. If and when a student becomes (or remains) 20 or more points deficient while on probation, he will be suspended.

3. If a student remains on probation for three consecutive semesters, he will be suspended.

4. To be removed from probation, a student must establish an average of 2.00 in all work attempted.

5. Seven or more calendar months after his suspension a student may petition for readmission.

6. A student, 20 or more quality points deficient, if conditionally readmitted, must reduce his quality point deficiency by at least 8 quality points per semester or be suspended.

7. Two suspensions from any institution(s) of higher education are final.

8. The status of any student transferring from another institution of higher education will be determined in accordance with the above rules.

COLLEGE FEES

ENROLLMENT FEES:

West Virginia Students:

Tuition (8 hours and above)	$ 25.00
SPECIAL REGISTRATION FEE (12 hours and above)	50.00
Student Activity Fee	12.00
Course Fee	3.00
Student Union Fee	7.50

*Non-Resident Students:

Tuition (8 hours and above)	$175.00
SPECIAL REGISTRATION FEE (12 hours and above)	50.00
Student Activity Fee	12.00
Course Fee	3.00
Student Union Fee	7.50

Part-Time Fees, West Virginia Students:

Regular Semester (Less than 8 hours):

1 Semester Hour	$ 5.00 plus $1.00 Course Fee
2 Semester Hours	8.00 plus 1.00 Course Fee
3 Semester Hours	10.00 plus 1.00 Course Fee
4 Semester Hours	13.00 plus 1.00 Course Fee
5 Semester Hours	16.00 plus 1.25 Course Fee
6 Semester Hours	19.00 plus 1.50 Course Fee
7 Semester Hours	22.00 plus 1.75 Course Fee

SPECIAL REGISTRATION FEE (1 to 11 hours inclusive), $4.00 per credit hour.

All part-time students must pay a Student Union Fee.
1 to 4 hours inclusive $3.00. 5 to 7 hours inclusive $4.00.

STUDENTS CARRYING 8 HOURS AND ABOVE ARE REQUIRED TO PAY THE STUDENT ACTIVITY FEE OF $12.00.

Part-Time Fees, Non Resident Students:

Regular Semester (Less than 8 hours):

1 Semester Hour	$15.00 plus $1.00 Course Fee
2 Semester Hours	30.00 plus 1.00 Course Fee
3 Semester Hours	45.00 plus 1.00 Course Fee
4 Semester Hours	60.00 plus 1.00 Course Fee
5 Semester Hours	75.00 plus 1.25 Course Fee
6 Semester Hours	90.00 plus 1.50 Course Fee
7 Semester Hours	105.00 plus 1.75 Course Fee

SPECIAL REGISTRATION FEE (1 to 11 hours inclusive), $4.00 per credit hour.

All part-time students must pay a Student Union Fee.
1 to 4 hours inclusive $3.00. 5 to 7 hours inclusive $4.00.

STUDENTS CARRYING 8 HOURS AND ABOVE ARE REQUIRED TO PAY THE STUDENT ACTIVITY FEE OF $12.00.

SUMMER SCHOOL FEES:

West Virginia Students:

Tuition (4 hours and above) one term	$ 15.00
Tuition (4 hours and above) two terms	30.00
SPECIAL REGISTRATION FEE	$4.00 per credit hour
Student Activity Fee (Payable one term only)	2.00

Course Fee $1.50 (payable each term)	3.00
Student Union Fee (payable one term only)	7.50
Non-Resident Students:	
Tuition (4 hours and above) one term	$ 58.00
Tuition (4 hours and above) two terms	116.00
SPECIAL REGISTRATION FEE	$4.00 per credit hour
Student Activity Fee (Payable one term only)	2.00
Course Fee $1.50 (payable each term)	3.00
Student Union Fee (payable one term only)	7.50
Part-Time Student Fees, West Virginia Students:	
1 Semester Hour	$ 5.00 plus $1.00 Course Fee
2 Semester Hours	10.00 plus 1.00 Course Fee
3 Semester Hours	15.00 plus 1.00 Course Fee
SPECIAL REGISTRATION FEE	$4.00 per credit hour
Student Union Fee (1 to 3 hours inclusive)	$ 4.00
Part-Time Student Fees, Non-Resident Students:	
1 Semester Hour	$15.00 plus $1.00 Course Fee
2 Semester Hours	30.00 plus 1.00 Course Fee
3 Semester Hours	45.00 plus 1.00 Course Fee
SPECIAL REGISTRATION FEE	$4.00 per credit hour
Student Union Fee (1 to 3 hours inclusive)	$ 4.00

AUDITING FEE:

Auditing Fee is the same rate as the Semester Hour Fee.

EXTENSION FEES:

West Virginia Students (Per Semester Hour)	$ 7.50
Non Resident Students (Per Semester Hour)	30.00

SPECIAL FEES:

**Chemistry Breakage Fee	$ 5.00
Late Registration Fee: per day 1 to 5 days $1.00	5.00
Graduation Fee (Inc. cap and gown)	6.00
Freshman Orientation Fee	1.50
Transcript Fee (First Transcript is furnished free)	1.00
Special Examinations for course credit (Regularly enrolled students)	3.00
Special Examinations for course credit (Non-enrolled students) per semester hour	2.50
***Towel Rental Service and Deposit Fee	2.00
Rates for special students in Industrial Art Classes: IA, 134N, 234N, 334N, 434N, 345N. 346N (The above fee is in addition to regular fee charged)	12.00
Special Fee for Driver Education Course:	
Regularly enrolled students	5.00
Non-Enrolled Students	15.00
Special fee for Industrial Arts, per card	5.00

(Industrial Arts classes requiring basic materials for course instruction shall purchase $5.00 material cards in the Business Office. Some classes may require more than one card to complete the course.)

*The term "resident" as hereinafter used refers to classification for fee purposes only.

REGULATIONS GOVERNING CLASSIFICATION OF STUDENTS FOR PURPOSE OF ASSESSING TUITION FEES!

All students not classified as resident students shall be classified as non-residents for fee purposes.

A student classified as a non-resident at the time of first registration in a state college, is considered a non-resident for fee purposes throughout his years as a student in a state college, unless his parents move to and establish a home, permanent abode and legal domicile in the state for twelve (12) consecutive months immediately prior to his registration in a state college. If the status of a student is thus properly changed from a non-resident to a West Virginia student, his classification may not be changed until the next registration period.

Students who are minors: The residence of a minor shall follow that of the parents at all times. The residence of the father during his life, and after the father's death, the residence of the mother is the residence of the minor, but if the father and mother have separate places of residence, the minor takes the residence of the parent with whom he lives or to whom he has been assigned by court order. The parents of a minor will be considered residents of West Virginia if they have had a home, permanent abode and legal domicile within the state for twelve (12) months immediately prior to registration.

A student who is 21 years of age or over may be classified as a resident if (1) his parents were residents of the state at the time he reached his majority or (2) who, while an adult, has established a bona fide home, permanent abode and legal domicile for at least twelve (12) consecutive months immediately preceding registration; it being understood, however, that no non-resident student may establish residence in this State for fee purposes, merely by his attendance as a full or part-time student at any institution of learning in the State. There must be evidence that he has come to the State primarily for other purposes than college attendance.

Marriage, alone, to a West Virginia resident will not change the status of a non-resident student in a West Virginia state college. Employment of his spouse does not change his status.

A West Virginia student whose parents or guardian move out of the state of West Virginia after his original enrollment, will automatically become liable for non-resident fee at the next registration period after twelve (12) months following removal of parents or guardian.

The residence of a minor student assigned to a guardian shall be considered affected by such assignment, beginning twelve (12) months after the appointment of the guardian; the provisions stated above with respect to parents' residence shall then apply to the guardian's residence.

An alien who has taken out his citizenship papers and has had a home, permanent abode and legal domicile in West Virginia for twelve (12) months immediately preceding the date of his enrollment in a state college shall be eligible for registration as a West Virginia student.

Neither registration as a voter in the State of West Virginia nor the purchase of a West Virginia automobile license will constitute residency for fee purposes.

Persons who are moved into the state as the result of military orders from the government, or the minor children of such persons, are entitled to admission as in-state students beginning twelve (12) months after establishing domicile or abode in the state.

A student who willfully gives wrong information to evade payment of the non-resident fees shall be subject to serious disciplinary action, and must also pay the non-resident fee for each session attended.

The above regulations shall not be retroactive nor penalize a student or students previously classified.

**Assessed each student enrolled for any chemistry laboratory course. Unused portion, if any, will be refunded at end of school year. In event of unusual breakage, an amount to cover same may be assessed.

***Towel Rental Service is available in Physical Education Building. At the close of semester or term, the deposit of $1.00 will be refunded.

PAYMENT OF TUITION AND FEES:

The regulations of the West Virginia Board of Education provide that "No financial credit of any type shall be extended to any individual either student or other, at any state college or institution. All colleges and institutions shall operate strictly on a cash basis with all payments and obligations being collected in advance. All tuition and fees must be collected in full for each semester on enrollment day for each semester."

REFUND POLICY FOR TUITION AND FEES:

A student who withdraws regularly from the college may arrange for a refund of his fees in accordance with the following schedule:

18 Weeks (Semester)	
During first and second weeks	90%
During third and fourth weeks	70%
During fifth and sixth weeks	50%
Beginning with seventh week	No Refund
6 Weeks (Summer Term)	
During first week	90%
During second week	70%
During third week	50%
Beginning with fourth week	No Refund

RESIDENCE HALL EXPENSES—MEN AND WOMEN:

Room Rent (18 Week Semester) $90.00 per semester per person.

Room Rent (Six Week Term) $30.00 per student—occupancy two students per room.

Room Rent (Six Week Term) $35.00 per student—occupancy one student per room.

Board (18 Week Semester) $180.00.

Board (6 Week Term) $60.00.

A two percent Consumers Sales Tax is payable on all Room and Board charges.

CAMPUS APARTMENTS:

Small Apartments (per month) $30.00.

Large Apartments (per month) $35.00.

Apartments, Morrow Hall (per month) $40.00.

A $15.00 deposit fee is required of all students living in the campus apartments.

Apartment rent must be paid in advance and must be paid no later than the third day of each month.

PAYMENT ON BOARD AND ROOM:

Room Rent (18 weeks semester) must be paid in full on Registration Day.

Board (18 week semester) must be paid in advance either on a semester or a quarterly basis.

Room Rent (6 week term) must be paid in full on Registration Day.

Board (6 week term) must be paid in full on Registration Day.

Board and Room Rates are subject to change.

(All fees are subject to change by action of the West Virginia Board of Education.)

STANDARDS FOR DORMITORY LIFE:

1. All students not living at home are required to live in the residence halls, unless other arrangements are made with the Dean of Men or the Dean of Women.

2. A deposit of $15.00 is required of all students living in the dormitory. The deposit on rooms, less assessments, is refundable at the close of the school term.

THERE IS NO REFUND OF ROOM DEPOSITS OR RENT TO STUDENTS CHANGING RESIDENCE DURING A TERM OR SEMESTER, OR TO STUDENTS WITHDRAWING DURING A TERM OR SEMESTER. The $15.00 deposit fee is forfeited if the student does not cancel the room reservation at least 25 days before the opening of the semester.

3. All students living in the residence halls will take their meals in the college cafeteria.

4. No evening meal will be served in the college cafeteria on Sunday.

5. Residence halls will be closed during the Thanksgiving, Christmas, and Spring recess.

6. Room rental for a semester must be paid in full on Registration Day.

7. Board must be paid in advance either by the quarter or by the semester.

8. Residents of the halls must furnish and launder their own towels, linens, curtains, and bed spreads.

9. A student who is absent from a residence hall for seven or more consecutive days will not be charged for meals, provided that the Food Director is notified in advance. No deduction in room rent, however, will be allowed regardless of the cause or extent of absence.

If there are no vacancies in the dormitories and a student must live off campus, the consent of Dean of Women or Dean of Men must be given before renting a room. A file of approved rooms for rent to students is maintained in the Dean's Office.

STUDENT WELFARE

STUDENT PERSONNEL SERVICES

Fairmont State College maintains many services of great value to all students. With the aim of assisting each student to adjust to his school environment and gain the most from his college experience, a centrally organized student personnel program is provided by the Office of Student Affairs. The many services include: housing for men and women; freshmen orientation; testing; counseling; remedial assistance in reading, study habits, and other fields where a need is apparent; guidance in social affairs and campus activities; placement service for graduating seniors; and, provision of financial assistance to students through part-time employment and loan funds.

HOUSING FOR MEN

Housing for men has vastly improved with the opening of the new men's dormitory on January 1, 1959. With the exception of some temporary barracks set up on the campus after World War II, Fairmont State has never before had a dormitory for men.

The new dormitory, located on the hill above the main portion of the campus, commands a splendid view of much of the campus and surrounding area. The student rooms are furnished with built-in wardrobes, study desks, and shelves for books. Beds, mattresses, and chairs are new. A large and well-appointed lounge is located on the first floor. Parking and recreational facilities are being developed in the rear of the building.

The College also maintains a limited number of one and two bedroom apartments for married students. These units are partially furnished.

The fees charged for residence in the dormitory are listed on page 20.

HOUSING FOR WOMEN

Not for a great many years has Fairmont State College offered such attractive housing on the campus for women students as is now available. Morrow Hall, built in 1922, has been thoroughly renovated and refurnished. Two new wings have been added.

The furniture used in the new wings is of the built-in type, providing wardrobes, study desks, and book shelves. In the older portion, all new beds, dressers, and study tables have been provided. In addition, new lighting and plumbing fixtures have been installed, floors have been freshly sanded, and new rugs have been purchased.

All in all, Morrow Hall is a most attractive, well-equipped building with pleasant social rooms, study and sleeping facilities, a laundry room, and the College Cafeteria on the ground floor providing an extra convenience. Furthermore, Morrow Hall is readily accessible to all the other principal buildings on the campus.

The fees charged for residence in the dormitory are listed on page 20.

TESTING AND COUNSELING

The Office of Student Affairs provides a testing and counseling service designed to assist students in making more intelligent personal, academic, and vocational choices. Trained personnel are maintained to administer and interpret tests. For the most part students seek this service voluntarily. Special remedial assistance is available to students who are deficient in reading, vocabulary, and study habits.

PLACEMENT SERVICE

This service is available to all persons graduating from the college and to those who receive teaching certificates through its recommendation. All seniors are urged to register prior to graduation. Alumni who hold degrees or certificates are welcome to register. Assistance in placement in all fields of employment relative to occupational instruction furnished by Fairmont State College is offered. A job clinic of instruction on applying for jobs is provided.

FRESHMEN ORIENTATION

Freshmen and transfer students arrive on the campus in advance of the upperclass students. During a week's period they become acquainted with the campus, buildings, and equipment, and various student activities. They are given tests which are for the purpose of assisting them in getting properly placed in their college courses and major fields of study. After scheduling classes in consultation with faculty advisers, they become formally registered for their first year of college work. Throughout the orientation period freshmen are assisted and guided by trained student counselors who are sympathetic with their special problems.

ADVISER SYSTEM

Each student is assigned an academic adviser at the time of his first enrollment in Fairmont State College. The student's academic adviser is the chairman or a staff member of the department in which the student has chosen his major field of study.

If the student desires to change his major field of study, he should contact the Student Personnel Director for assignment to the appropriate adviser. Students who are not ready upon entrance to select a major department will be assigned to special advisers by the Student Personnel Director.

It is to his academic adviser that a student will take all problems relating to course requirements, class schedules, pre-registration, and registration.

GENERAL REGULATIONS

Fairmont State College expects its students to observe the standards of good citizenship both on and off the campus. Regulations of the State Board of Education empower the president and faculty to take such steps as may be needed to enforce these standards.

LOAN FUNDS, SCHOLARSHIPS, AND OTHER STUDENT AID

The scholarship and loan funds of Fairmont State College are available to worthy undergraduates who need assistance in meeting their college expenses. All funds are administered by the Scholarship and Loan Committee, unless otherwise indicated. Applications for scholarships and loans should be made to this committee.

LOANS

The National Defense Student Loan Program

Students of Fairmont State College are eligible to participate in the National Defense Student Loan Program. The College has received an allocation for use as provided for in the National Defense Education Act of 1958. The Act specifies that "in selection of students to receive loans—special consideration shall be given to (a) students with a superior academic background who express a desire to teach in elementary or secondary schools, and (b) students whose academic background indicates a superior capacity or preparation in science, mathematics, engineering, or a modern foreign language."

Students who need financial assistance in order to enter college should know:

1. A student with a good academic record who shows a need for financial assistance in order to attend college is eligible to apply for a loan.

However, if the requests for loans exceed the grant made to the college, then special consideration will be given to students with superior academic backgrounds who express a desire to teach in Elementary or Secondary schools and to students whose academic backgrounds indicate superior capacity of preparation in science, mathematics, engineering, or modern foreign language.

2. The amount of the loan will be based on the actual need for basic expenses —tuition, room and board, fees, books, etc.

The law provides for a maximum loan of $1,000 a year, but we do not believe it will be necessary for a student to apply for the maximum since expenses at Fairmont State College are relatively low.

3. A National Defense Student Loan bears simple interest upon the unpaid balance at the rate of 3 percent per year. Interest does not commence until one year from the date when the borrower ceases to be a full-time student at an institution of higher education. Furthermore, no interest shall be charged during any period, not in excess of three years, that the borrower is serving as a member of the Armed Forces of the United States.

4. The loan, and interest thereon, of any borrower who serves as a full-time teacher in a public elementary or secondary school shall be cancelled up to a maximum of 50 percent, at the rate of 10 percent of the amount of the loan plus interest thereon, which was unpaid on the first day of such service, for each academic year of service.

5. Promissory notes for minors will be co-signed by parents or guardians.

6. Applications for prospective students should be made well in advance of registration.

For further information and application blanks write:

Chairman Committee
Scholarship, Loan, and Student Aid
Fairmont State College
Fairmont, West Virginia

The Claude Worthington Benedum Loan Fund

The Benedum Foundation of Pittsburgh has established a loan fund which permits worthy sophomores, juniors, and seniors who are bona fide residents of West Virginia to borrow a maximum of $300 in any one school year. The loan matures not later than three years after last date of attendance at the college. No interest is charged while a student is in college.

The Service Clubs Unrestricted Loan Fund

This fund is available to sophomore, junior, and senior students who are worthy of financial assistance.

The Fairmont State College Scholarship Loan Fund of the American Association of University Women

This fund, established by the Fairmont Branch of the American Association of the University Women, is available to junior and senior women who have good character records, an average of at least "B" for their first two years in college and are able to give good security.

Louise West Hite Loan Fund

In 1929, Mrs. R. M. Hite gave the college $1,000 to be used as a loan fund to help women students complete their courses of study.

Fairmont State College Student Loan Fund

This fund was established by the "Class of 1912" to issue loans to worthy students of the college.

Myrtle Rice Leonard Loan Fund

This fund was established from the Louise Leonard Estate for use as loans to worthy students needing small amounts of money to tide them over in emergencies.

American Association of University Women

This fund was established in 1951 for loans to college women.

Dramatic Scholarship Loan Fund

This fund was established by a grant from the Woman's Club of Fairmont and is available to students especially interested in dramatics. The loan is to be used for tuition and is available each year to one man and one woman student. Application is made with the Chairman of the Speech and Dramatic Department.

SCHOLARSHIPS

The Claude Worthington Benedum Freshman Scholarship

The Benedum Foundation of Pittsburgh makes an annual grant of $1,000 to the college for the purpose of aiding worthy graduates of West Virginia high schools to begin a college education. These scholarships, awarded on the basis of grades, activities, character, and financial need, amount to $125 to $250 for the freshman year only.

West Virginia Board of Education Teacher Training Scholarships

Five West Virginia Board of Education Elementary Teacher Training Scholarships and **five** West Virginia Board of Education Secondary Teacher Training Scholarships are offered to West Virginia students majoring in elementary or secondary education. Awarded on the basis of grades, aptitude for teaching, personality, economic status, and interest, these scholarships amount to the remission of tuition and fees for four consecutive years following graduation from high school. The recipients must pledge to teach in West Virginia elementary or secondary schools for four years following graduation from college.

Legislative Scholarships

The Legislature of 1957 provided for teacher training scholarships equal in number to the representation held by each county in the West Virginia House of Delegates. The amount of these scholarships is $500 per year or $2,000 for four years. Application should be made to the county superintendent of the applicant's home county. Prospective freshmen only are eligible. Successful applicants must enroll in some West Virginia college or the University.

The Legislature of 1958 provided for a series of unrestricted scholarships equal in number to five per cent of the highest enrollment attained by each state college in the preceding year. The number of these scholarships available will be variable since the total number of all existing scholarship enrollees may not exceed five percent of the total enrollment. Applications for these scholarships should be made to the Scholarship and Loan Committee of the College.

Benevolent and Protective Order of Elks Scholarship

This scholarship, in the amount of $100, is awarded to a college student on the basis of scholarship, character, and financial need.

Kiwanis Club Journalism Scholarship

This scholarship, made available by the Kiwanis Club of Fairmont, amounts to $100 per year. The recipient writes local news releases of the club meetings. Applicants should have had some journalism courses or experience in reporting.

Elizabeth Bussing Watson Speech Scholarship

This scholarship is established by the family of Elizabeth Bussing Watson who was a teacher of elocution in the Fairmont State Normal School. An award of $50.00 is to be granted annually to a student in the Department of Speech and Dramatics. Need, personal qualities, career-interest and scholastic achievement are the bases of selection—the selection is to be made by the chairman and staff of the Speech and Dramatics Department.

WORKING SCHOLARSHIPS

Among the several work scholarships available are:

(1) Assistant to Director of Public Relations, cash value $70. per semester.
(2) Director of Sports Publicity (preparation of sports news), cash value $70. per semester. Those interested must apply in person to the Director of Public Relations.
(3) Editor of **The Columns**, cash value $75 per year.
(4) Business Manager of **The Columns**, cash value $75 per year.
(5) Editor of **The Mound**, cash value $75 per year.
(6) Business Manager of **The Mound**, cash value $75 per year.

PART-TIME EMPLOYMENT

Opportunities are provided for many students who seek financial assistance through part-time employment. A registry of part-time jobs, available both on and off campus, is maintained in the Office of Student Affairs. On the college campus, students find employment in clerical work, library work, assisting instructors, kitchen and dining room work, maintenance, and other similar activities.

The Office of Student Affairs assists students in finding part-time employment off campus. Many students work in stores, factories, garages, filling stations, and private homes.

REGULATIONS FOR STUDENT AID AND OTHER EMPLOYMENT

1. Students employed on the student aid basis may not be employed ordinarily for more than seventy-five hours in any one month. In exceptional circumstances, and when approved by the Committee on Student Aid, students may be employed to a maximum of ninety hours per month.

2. Students enrolled for more than six semester hours may not be employed by the College except on the student-aid basis.

3. Full-time employees of the College may not enroll for any academic work other than that obtainable outside of their regular work schedule.

4. The awarding of scholarships, student loans, and student employment, including assistance to athletes, is handled through the Office of Student Affairs. All employed students, including athletes, are required to give full and honest work for pay received.

STUDENT AUTOMOBILE REGULATIONS

Because of the large number of cars used by students, traffic on the college campus is seriously congested. In the interest of safety and service rigid regulations have become necessary. The administration of these regulations is in the hands of a traffic Committee. All parking is limited to defined areas and restricted parking is established in certain areas.

All cars operated by students must be registered and identified by campus registration stickers.

Each student using an automobile on the campus is expected to be familiar with the traffic regulations.

SERVICE TO VETERANS

The Fairmont State College Office of Veterans' Coordinator exists to assist veterans in their relationships with the United States Veterans Administration. The Coordinator is prepared to give information concerning the college and the educational and financial benefits offered by the Federal Government. He will also aid veterans in securing suitable housing arrangements either in the Veterans' Housing units maintained by the college, or elsewhere. Request for information should be addressed to the Veterans' Coordinator at the college.

HEALTH SERVICE

All students entering Fairmont State College are required to have a health examination within two weeks after entrance. Appointments for this examination should be made with the Health Service at the time of registration. Failure to comply with the above regulations on the part of the student will result in suspension until regulations have been met.

A certificate from the Health Service stating that the student has complied with the above regulation must be presented by the student to his supervisor in student teaching before he may be assigned to this training.

A physician and registered nurse are available to examine and advise students in matters pertaining to their health. On school days from eight until four o'clock, the college nurse may be found in her office in the Colebank Gymnasium for first aid and for the treatment of minor ailments of students and faculty.

FOOD SERVICE

The College Cafeteria is located in Morrow Hall. Breakfast, lunch, and dinner are served here daily. Menus are carefully planned to provide nutritive diets with an attractive service at a reasonable price.

STUDENT CENTER BUILDING

The Student Center is a modern, spacious building centrally located on the campus.

On the ground floor, a large area has been finished for recreational purposes. The campus snack bar is located on the second floor, providing fountain service, soft drinks, coffee, cigarettes and confections. The College Bookstore and business offices for staff members are also on this floor. The top floor contains the ballroom floor with facilities for such events as teas and receptions.

All facilities of the Student Center are available to student groups for meetings, parties, dances, and other social affairs. Always before facilities have been much too small and crowded for the day by day activities of a growing student body. For the present, the new Student Union Building will afford ample campus recreational facilities.

BOOKS AND SUPPLIES

A modern college bookstore is maintained in the Student Center for the convenience of students. Here textbooks and school supplies of all kinds may be purchased.

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REQUIREMENTS FOR BACHELOR OF ARTS AND SCIENCE DEGREES

The courses required in the several departments leading to the Bachelor of Arts or Bachelor of Science degrees may be conveniently described in four categories, viz., General Requirements, Majors, Minors, and Electives. General requirements include those courses required of all students with regard to the area of concentration. A major is defined as the area of greatest concentration, or, more specifically, as the department in which the most credit is earned. A minor is the area of second greatest concentraion, or, in other words, the department second to the major in the amount of credit earned. Electives are those courses not included in the other categories.

Degrees are offered by departments as follows:

Bachelor of Arts Degree	**Bachelor of Science Degree**
Art	Biology
English	Business Administration
French	Chemistry
History	Home Economics
Home Economics	Industrial Arts
Mathematics	Mathematics
Music	Physical Education
Philosophy and Psychology	Physics
Sociology	Recreation
Speech and Dramatics	Secretarial Studies

All degrees granted by Fairmont State College have the same minimum requirements with regard to semester hours credit and quality point average. The minimum credit is 128 semester hours with an average of 2.0 quality points per semester hour for a course entered on the student's permanent record card. The credit varies among departments; but in all cases the quality point average for a major or minor must be 2.0 or better.

Courses taken to satisfy the general requirements, or their equivalents, will be included in the major or minor. Thus, a major student in English would count the general requirements in composition and literature as part of his major work.

Twelve hours of one foreign language is a general requirement for the Bachelor of Arts degree for those who entered college for the first time in September, 1955, or later. Three hours of this requirement may be waived for each unit of the language presented as entrance credit, provided that the student is competent to continue the study of the language at the appropriate college level.

A student pursuing courses leading to the degrees of Bachelor of Arts and Bachelor of Science, who also meets state certification requirements in two or more teaching fields and in the professional courses, will be recommended for a professional (first class) teaching certificate in the areas in which he may be qualified. These persons are warned, however, that the requirements for the Bachelor of Arts and Bachelor of Science degrees differ considerably from those of the Bachelor of Arts in Education Degree. The Bachelor of Arts in Education degree automatically qualifies the student for a professional (first class) certificate. The other degrees do not.

It is the responsibility of the student to know and meet all requirements. The catalogue is published for the primary purpose of providing students with a source book of information pertaining to the College resources and requirements. Additional information or clarification of the statements in the catalogue may be obtained from the adviser or the Registrar.

GENERAL REQUIREMENTS FOR THE BACHELOR OF ARTS AND THE BACHELOR OF SCIENCE DEGREES

Subjects	Cat. No.	Sem. Hrs.
ART	255	2
ENGLISH		
Written and Spoken	102 (A or B), 104	6
Literature	202, 204	6
HEALTH*	102	2
HISTORY	111, 112	6
	207 or 208	3
LANGUAGE**		
French, German, or Spanish	101, 102	6
	201, 202	6
MUSIC	205	2
PHYSICAL EDUCATION		
Women	101, 111	2
Men	115, 116	2
PSYCHOLOGY	103	3
SCIENCE		
Biology	101, 102 or	6
Physical Science***	201, 202	6
SOCIOLOGY	201, 202	6
SPEECH	101	2

*Not required of those students who earn 6 hours credit in biology.

**Required of all candidates for the Bachelor of Arts degree.

***Not required of physical science majors or those who have credit in college physics and chemistry. No credit is allowed in General Physical Science if credit is earned in physics and/or chemistry.

SPECIFIC REQUIREMENTS IN ALL MAJOR FIELDS

ART

MAJOR		36 Sem Hrs.
History of Art		8
255 History and Appreciation of Art	2	
278 Ancient and Medieval Art	3	
377 Italian and Northern Renaissance Art	3	
378 Nineteenth Century and Contemporary Art	3	
Studio Work (one major area in Art)		12
Ceramics and Sculpture		
283 Modeling and Sculpture	3	
284 Modeling and Sculpture	3	
383 Ceramics	3	
384 Ceramics	3	
483 Advanced Sculpture	2	
484 Advanced Sculpture	2	

Design			
141 Art Structure	2		
291 Commercial Design, I	3		
292 Commercial Design, II	3		
392 Textile Design	3		
491 Interior Design	3		
Drawing			
142 Drawing	2		
241 Drawing from Life	2		
242 Drawing and Painting from Life	3		
Painting			
361 Painting in Oil	3		
362 Painting in Oil	3		
363 Painting in Watercolor	3		
364 Painting in Watercolor	3		
461 Advanced Painting in Oil	3		
462 Advanced Painting in Oil	3		
463 Painting in Any Medium	3		
Studio Work (Selected from two or more major areas: see courses listed above under Ceramics and Sculpture, Design, Drawing, and Painting).		16	
MINOR IN ART			24 Sem. Hrs.
History of Art Courses (See Above)	5		
Studio Work Courses (See Above)	19		

BIOLOGY

(Botany, Zoology)

Candidates for the Bachelor of Science degree may select either botany or zoology as a field of concentration, or a combination of both. A year of general biology will be required as a prerequisite in any case. Also, a minimum of 6 hours in botany and zoology is required for both majors.

BIOLOGICAL SCIENCE			30 Sem. Hrs.
Required courses			
101, 102 Introduction to Biology	6		
BOTANY MAJOR			24
Required courses		15	
201 General Botany	4		
310 Plant Physiology	4		
330 Field Botany	3		
340 The Plant Kingdom, (or 341)	4		
Electives (to include 6 hours of zoology)		9	
ZOOLOGY MAJOR			24
Required courses		15	
315 Field Zoology	3	9	
320 Invertebrate Zoology	4		
321 Vertebrate Zoology	4		
350 Comparative Anatomy of Vertebrates	4		
Electives (to include 6 hours of Botany)		9	

BOTANY

(See Biology)

BUSINESS ADMINISTRATION

MAJOR				39 Sem. Hrs.
Required courses (All Curricula)				27
Bus.	102	Principles of Business	3	
Bus.	141	Business Mathematics	3	
	201, 202	Principles of Accounting	6	
	306, 307	Business Law	6	
Econ.	101	American Business & Industry	3	
	201, 202	Econ. Prin. and Problems	6	
Required courses from Business, Economics, and Secretarial Studies (These courses must be selected from special curricula, in the above fields)				12

Language. No requirement, but French, German, or Spanish is recommended.

MINOR		18 Sem. Hrs.
Required Courses		
Bus.	102, 201, 202	9
Econ.	101, 201, 202	9

CHEMISTRY

MAJORS

Required Courses

Chemistry			36
101, 102	General Chemistry	8	
201	Qualitative Analysis	4	
240, 241	Quantitative Analysis	8	
301, 303	Organic Chemistry	8	
405, 406	Physical Chemistry	8	
Physics			8
101, 102	General Physics	8	
Mathematics			7
221	College Algebra	3	
251	Analytical Geometry	4	
Language: German or French			12
Recommended Strongly:			
Mathematics			
321	Differential Calculus	4	
331	Integral Calculus	4	

MINOR (No Minor Offered)

ENGLISH

MAJOR		33 Hrs.
Required Courses, Studies and Practice in the English Language 102, 104, 321	9	
Required Courses, Literature 351-352, 361-362	12	

Electives, Literature, Group I	4-8		
311, 312, 313, 314, 318, 341, 342			
Electives, Literature and Language, Group II	4-8		
302, 315, 317, 322, 324, 325, 328, 329, 330, 331, 413			
Foreign Language			12 Hrs.
One, selected from French, Spanish, or German			
MINOR			27 Hrs.
Required Courses, Studies and Practice in the English Language	6		
102, 104			
Required Courses, Literature	9		
202, 204, 341 or 342			
Electives, Literature and Language	12		
Choice may be made from Groups I and II as listed in the major.			

FRENCH

MAJOR			24 Sem. Hrs.
Required Courses		12	
101, 102 Elementary French or equivalent	6		
201, 202 Second Year French	6		
Electives		12	
301 Literature of the 17th Century	3		
302 Literature of the 18th Century	3		
309 Adv. Grammar and Comp.	2-3		
421 Literature of the 19th Century	3		
422 Literature of the 19th Century	3		
431 French Civilization and Culture	3		
321 Contemporary Literature	3		
MINOR			18 Sem. Hrs.
Required Courses		12	
101, 102, 201, 202			
Electives	6		
To be selected from electives for majors.			

HISTORY

MAJOR			30 Sem. Hrs.
Required Courses			
111, 112 Development of Social Institutions	6		
207, 208 Survey of United States History	6		
462 Methods of Research	3		
	15		

The remaining 15 semester hours in history required for the history major are to be elected by the student from among the following courses, with a minimum of three semester hours from each group.

GROUP I		3-6
205 Contemporary Affairs	2	
302 History of West Virginia	3	
304 United States and Latin America	2-3	

312	American Diplomatic History to 1898	2
313	American Diplomatic History Since 1898	2
315	Colonial America	2
316	Jefferson and Jacksonian Democracy	2
317	History of the South	3
318	The Westward Movement	3
320	American Economic History	2-3
401	Reconstruction and National Development	3
410	U.S. Since the First World War	3
460-A	Guided Historical Study	1-2

GROUP II 3-6

221	Modern Europe to 1815	3
222	Modern Europe Since 1915	3
307	England to the Glorious Revolution	2
308	England Since the Glorious Revolution	2
340	Europe Since 1870	3
350	History of Western Thought	3
402	Contemporary Europe	3
460-B	Guided Historical Study	1-2

GROUP III 3-6

305	Latin America to 1824	2
306	Latin America Since 1824	2
421	History of Russia	2
422	Recent History of the Far East	2
423	Recent History of the Middle East	2

Elect from this group:
Economics, Political Science, Sociology, or Georgraphy 12 Sem. Hrs.

MINOR 18 Sem. Hrs.

Required Courses

111, 112	Development of Social Institutions	6
207, 208	Survey of United States History	6

Electives

(From any other History courses listed)	6
	18

HOME ECONOMICS

MAJOR AB Degree—35 Sem. Hrs.
BS Degree—39 Sem. Hrs.

Required

Home Economics

		AB	BS
*101	Elementary Clothing	2	2
102	Clothing Selection and Const.	3	3
*103	Principles of Clothing Selection	2	2
*201	Elementary Foods	3	3
202	Advanced Foods	3	3
*210	Textiles	3	3
*303	Nutrition	3	3
312	Consumer Education	3	
*315	Home Management	3	3
*320	Home Planning and Furnishing	4	4
*330	Child Care and Development	2	2
340	Quantity Cookery		3
*351	Applied Design	2	2
403	Costume Design	2	
410	Advanced Textiles		3

FAIRMONT COLLEGE LIBRARY

Language—Modern Foreign	6	12
Other Fields		6
Botany, or Zoology, or Organic Chemistry		6

Electives

Home Economics .... BS Degree— 3 Sem. Hrs.

MINOR 24 Sem. Hrs.

Required

Home Economics: Starred (*) courses under MAJOR

INDUSTRIAL ARTS

MAJOR 41 Sem. Hrs.

Required Courses		20
103 General Woodworking	3	
110 General Shop	3	
130 General Electricity	3	
140 General Drawing	3	
200 General Machine Shop	3	
325 Administration and Organization of Ind. Arts	2	
335 Philosophy of Industrial Arts	3	
Electives		21

To be taken from those courses listed under the description of electives for a First Teaching Field in Industrial Arts on page 52.

MINOR 24 Sem. Hrs.

Required Courses 17

103, 110 (or 322), 130, 140, 200, 325.

Electives 7

To be taken from two subject areas in Industrial Arts.

Students pursuing a major or minor in Industrial Arts will be required to take the following courses as pre-requisite to the advanced courses in Industrial Arts: Math, 110; Physics 101, 102; Chem. 101, 102.

Students transferring from engineering curricula to industrial arts may receive elective credit for such engineering courses as the student's adviser may approve.

JOURNALISM

MAJOR—(not offered)

MINOR—(not offered)

240 Reporting	3
270 Communications in Society	2
271 The Newspaper and Society	3
312 Publication Problems	3
340 Journalism Practice	2
341 Adv. Journalism Practice	2

MATHEMATICS

MAJOR* 33 Sem. Hrs.

Required Courses		24
221 College Algebra	3	
231 Plane Trigonometry	3	

251 Analytical Geometry	4	
321 Differential Calculus	4	
331 Integral Calculus	4	
391 Introduction to Analysis	3	
401 Differential Equations	3	
Electives: 281, 341, 361, 372, 393, 411		9
Language: French or German		12

MINOR IN MATHEMATICS 24 Sem. Hrs.

Required Courses: 221, 231, 251, 321, 331, 391, 401

*Two units of high school algebra, one unit of plane geometry, and one-half unit solid geometry are required of students taking a major in mathematics. Students who present but one unit of algebra and one unit of plane geometry must complete Math 111 and 121 in addition to the above requirements.

MUSIC

MAJOR

Required Courses		48 Sem. Hrs.
Theory		12
109-110 Theory	8	
209 Theory	4	
Applied Music		10
107-408 Piano	4	
141-442 Voice	2	
*275-492 Orchestral Instruments	4	
Appreciation		8
205 Music in Human Relations	2	
313 History	3	
314 History	3	
Conducting		4
345 Choral Conducting	2	
346 Instrumental Conducting	2	
Participation		8
169-470 Band	1-4	
173-474 College Choir	1-4	
275-476 Advanced Instrumental Ensemble	1-4	
277-478 Advanced Vocal Ensemble	1-4	

MINOR 26 Sem. Hrs.

Theory: 109, 110	8
Appreciation: 205	2
Applied Music	8
107-408 (Min. 3)	
141-442 (Min. 1)	
274-492 (Min. 3)	
Conducting: 345, 346	4
Participation (See Courses Above)	4

*Advanced work on organ or a special orchestral instrument may be done to satisfy the 4 hours required in this group.

PHILOSOPHY AND PSYCHOLOGY

MAJOR 25 Sem. Hrs.

Required Courses (Option in Philosophy)

200 Introduction to Philosophy	3
300 Logic	3
325 Ethics	3
350 Comparative Religion	2

375	History of Christian Thought	2
400	Philosophy of Religion	3
425	History of Ancient and Medieval Philosophy	3
475	History of Modern Philosophy	3

Elective: One upper-level psychology course

MINOR 12 Sem. Hrs.

Required Courses (Option in Philosophy)

200, 300, 325 and elective one 400 level course

MAJOR 27 Sem. Hrs.

Required Courses (Option in Phychology)

103	General Psychology	3
250	Experimental Psychology	3
300	Principles of Behavior	3
350	Statistics	3
375	Physiological Psychology	3
400	Psychometrics	3
425	Clinical Psychology	3
460	Seminar	3
Phil. 300	Logic	3

MINOR 12 Sem. Hrs.

Required Courses (Option in Psychology)

103, 250, 350 plus one elective course in Psychology

PHYSICAL EDUCATION

The requirements for the Bachelor of Science degree in Physical Education under the requirements for Bachelor of Arts in Education degree. See pages 51-54.

PHYSICS

MAJOR 30 Sem. Hrs.

Required Courses in Physics

210, 211	General College Physics	10
201	Demonstration in Physics	2-3
310	Electricity and Electronics	4
320, 321	Mechanics	6
340	Special Problems	2-3
420-421	Introduction to Atomic Physics	6

Required Courses in Mathematics 22

221	College Algebra	3
231	Plane Trigonometry	3
251	Analytic Geometry	4
321	Differential Calculus	4
331	Integral Calculus	4
381	Statics	3
401	Differential Equations	3

MINOR 22-25

Required Courses

Physics 101, 103 or 210, 211, 201, 310, 320, 321, 340, or 420, 421

Mathematics: 221, 231, 251

RECREATION*

MAJOR		30 Sem. Hrs.
Health		4
241 First Aid & Safety Ed.	2	
308 School Health Problems	2	
Theory (Recreation)		12
241 Intro. to Recreation	2	
341 Workshop & Recreation Institute	2	
344 Recreational Leadership	1	
345 Practice Leadership	2	
346 Theory of Recreation	2	
347 Leisure in the Modern World	2	
422 Camping & Youth Organizations	2	
443 Community & Industrial Recreation	3	
445 Org. & Adm. of Rec. & Playgrounds	3	
Sports in Recreation		8
Physical Education		
115 Freshman Orientation	2	
131 or 231 Beg. or Inter. Swimming	1	
214 Leadership in Graded Games	2	
237 Fundamentals of Tennis	1	
271 Team Sports	2	
272 Individual and Dual Activities	1	
317 Stunts and Tumbling	1	
331 Swimming Techniques and Life Saving	2	
Recreation		
236 Co-recreational Activities	2	
324 Archery & Badminton	1	
339 Bowling	1	
Rhythms and Creative Arts		6
P. E. 325 Folk Dancing	1	
P. E. 425 Children's Rhythms	1	
Rec. 126 Rhythmic Activities	1	
Rec. 325 Square Dancing	1	
I. A. 314 Plastics & Crafts, I	2	
I. A. 414 Plastics & Crafts, II	2	
Speech 331 Children's Theatre	1	
Speech 151 Play Production	2	

SECRETARIAL STUDIES

MAJOR		
Required Courses		29 Sem. Hrs.
101, 102 Beginning and Advanced Typewriting	4	
211 Vocational Typewriting	2	
201, 202 Beginning Shorthand	8	
251 Business Correspondence	2	
301, 302 Advanced Shorthand and Transcription	8	
311 Office Machines and Filing	2	
351 Secretarial Office Practice	3	
MINOR		
Required Courses		18 Sem. Hrs.
101, 102 Beginning and Advanced Typewriting	4	
201, 202 Beginning Shorthand	8	
301 Advanced Shorthand	4	
311 Office Machines and Filing	2	

SOCIOLOGY

MAJOR			24 Sem. Hrs.
Required Courses		15	
201, 202 Fundamental Social Problems	6		
301 Anthropology	3		
310 Marriage and the Family	3		
403 Social Psychology	3		
Electives		9	
Selected from the offerings in the Deptartment of Sociology with the Adviser's approval.			

MINOR			18 Sem. Hrs.
Required Courses		12	
201, 202 Fundamental Social Problems	6		
301 Anthropology	3		
403 Social Psychology	3		
Electives		6	
Selected from the offerings of the Department of Sociology with the Adviser's approval.			

SPEECH AND DRAMATICS

MAJOR

The requirements for the Bachelor of Arts degree with major in speech are the same as those described for Speech under the requirements for the Bachelor of Arts in Education degree. See page 58.

MINOR IN SPEECH AND DRAMATICS 21 Sem. Hrs.

Required Courses. 101, 105, 151, 243, 245, 330, 336, 337, 421, 430.
Electives: Any three hours in Speech and Dramatics.

ZOOLOGY

(See Biology)

REQUIREMENTS FOR THE BACHELOR OF ARTS DEGREE IN EDUCATION

The education of teachers at Fairmont State College is designed to utilize the cooperative functions of the several subject matter areas and the department of professional education. The philosophy of the college is that adequate preparation for teaching requires rich and comprehensive experiences in the area of general education, a reasonable degree of concentration in two of the subject matter fields, and the development of certain attitudes, skills, and understandings which characterize effective teaching. The State Board of Education has adopted a program of general and professional education which is required of all students preparing for teaching.

COURSES OF INSTRUCTION

Fairmont State College offers three curricula leading to the Bachelor of Arts in Education degree. Students satisfactorily completing Curriculum A will qualify for the Professional Certificate for grades 7-12; Curriculum B, for the Professional Certificate for grades 1-9; Curriculum C, for the Professional Certificate for grades 1-12. Fairmont State College also offers all courses required for Temporary Certificates, i.e., certificates of lower level than a Professional Certificate. Furthermore, courses of study leading to non-academic certificates in art and music are offered.

Prospective students who began their academic work some time ago and who are now seeking to qualify for a teaching permit, or some other certificate, are urged to confer with the Registrar and the Chairman of the Department of Education to determine the most convenient way to attain the certification they desire. The detailed outline of the several curricular requirements to be found in following sections is concerned primarily with the needs of students whose academic program began in September of 1949, or later. Students who began their college careers before this date are advised to make a thorough check of requirements with the Registrar and the chairman of the department of education.

It is the responsibility of candidates for a degree to know and to meet the general requirements of the College and the specific requirements of the chosen curriculum. It is the student's responsibility also to keep informed on his grade-point standing. All of this information may be obtained from the student's adviser or from the Registrar's office.

STUDENT TEACHING

Student teaching is required in all curricula. At the present time, elementary school training is provided at the Jayenne and the White elementary schools. Secondary training is given in connection with local Marion County junior and senior high schools. All student teaching is under the joint direction of Fairmont State College and the Board of Education of the county in which the teaching is done.

Eligibility for student teaching is determined by the ability of the student to meet the following requirements.

1. Minimum earned credits in academic and professional courses as follows:
    a. For erollment in Ed. 250, 32 semester hours including 8 hours in education courses.
    b. For enrollment in Ed. 420, 425, 450, 90 semester hours including 8 hours in education courses, and three-fourths of the required work in each teaching field.

2. An average of not less than C.
   - a. On all credits to be counted toward graduation.
   - b. On all credits in areas of concentration or teaching fields.
   - c. On all credits earned in the department of education.
3. A statement from the college health department showing that the student has been given a physical examination and found to be physically fit for assignment to directed teaching.
4. An application from the student's supervisor showing the semester hours of credit together with the quality point average. This form must be countersigned by the Registrar and the Chairman of the Department of Education.

All students seeking degrees under Curriculum A, B, and C will be required to complete a total of seven hours in student teaching.

THE BLOCK SYSTEM

Fairmont State College has adopted the block system for scheduling directed teaching. The significant features of this plan are: (1) a semester is reserved for the student in which he or she will schedule a block of professional subjects, including methods and directed teaching; (2) a nine-weeks section of that semester will be used exclusively for directed teaching; (3) during this nine-weeks period, the daily assignment for student teaching will comprise all hours the school is in session; (4) in addition to classroom assignments, student teachers will participate in the extra-curricular activities of the school and community.

One semester of the senior year will be used for scheduling a block of approximately 15 semester hours of professional courses. To schedule the "Block" a student must have met the requirements for directed teaching as described in the several proceeding paragraphs. Students and advisers should understand that the block system requires exact planning during the early years of the college career as well as in the senior year. All general requirements of the college as well as the minimum requirements of the teaching fields will have to be completed before the "Block" can be scheduled.

SUMMARY OF REQUIREMENTS

Briefly stated, the requirements for the Bachelor of Arts in Education degree are: The candidate must earn a minimum of 128 hours credit in approved subjects with a quality point average of 2.0, or better, for all courses attempted, for all professional courses, and for all courses in his teaching fields. He must also meet the general and specific requirements set up for the curriculum and teaching fields he elects.

OUTLINE OF GENERAL REQUIREMENTS FOR THE BACHELOR OF ARTS IN EDUCATION DEGREE

		Hours Required by Curricula			Special
Subject—Cat. No.		Cur. A	Cur. B	Cur. C	Nonacademic
ART	155	0	2	2	0
	156	0	2	2	0
	255	2	2	2	2
ENGLISH					
Written and Spoken:	102A or 102B	3	3	3	3
	104	3	3	3	3
	208	3	3	3	3
Literature	202	3	3	3	3
	204	3	3	3	3
	207	0	3	3	0

(Continued p. 41)

GEOGRAPHY	210 or 305	0	3	3	0
HEALTH	102*	2	2	2	2
	308	0	2	2	0
HISTORY	111, 112	6	6	6	6
	207 or 208	3	3	3	3
	302	0	3	3	0
MATHEMATICS	310	0	2	2	0
MUSIC	101	0	3	3	0
	102	0	3	3	0
	205	2	2	2	2
PHYSICAL EDUCATION	101, 111(W)	2	2	2	2
	115, 116(M)	2	2	2	2
	214	0	2	2	0
SCIENCE					
Biology	101, 102	6 or	6	6	6 or
Physical Science	201, 201**	6	6	6	6
SOCIOLOGY	201, 202	6	6	6	6

*Not required of those students who complete 6 hours credit in biology.

**Physical Science 201 and 202 are alternates for biology only in curricula A and Special nonacademic. Credit is not allowed for General Physical Science if credit is earned in college physics and chemistry.

OUTLINE OF THE PROFESSIONAL REQUIREMENTS FOR THE BACHELOR OF ARTS IN EDUCATION DEGREE

Subject		Hours Required by Curricula			
Cat. No. Education	Title	Cur. A*	Cur. B**	Cur. C***	Non-Academic
100	Introduction to Ed.	2	2	2	2
202, 203	Human Growth & Devel.	6	6	6	6
226	Primary Methods	0	3	3	0
306	Tests and Measurements	2	2	2	2
336	Intermediate El. Methods	0	3	3	3
341	Techniques of Diag. Reading	2	0	0	0
432	Prin. & Meth. Teach. in H.S.	4	0	4	4
250	Observ. & Directed Teach.	0	0-3	0-3	0
420	Observ. & Directed Teach.	0	3-7	0	0
425	Observ. & Directed Teach.	0	0	3-7	7
450	Observ. & Directed Teach.	7	0	0	0
	Total	23	23	26-27	24

*Students in Curriculum A must complete their directed teaching work on the junior or senior high school level in two or more fields selected for concentration. Students in Curriculum B must include directed teaching in the primary and intermediate or primary and upper grade levels.

**Students in curriculum B must complete two minors for teaching in the junior high school. This means that to be certified to teach in the elementary school one must qualify to teach in the junior high school by earning a minimum of 15 semester hours credit with a quality point average of C, or better, in each of two approved fields. See the list of approved fields under "Curriculum B."

***Students in Curriculum C must complete work in directed teaching on two elementary levels and on the secondary level in both fields, if two are offered for graduation. Home Economics, Industrial Arts, and Commerce do not require a second teaching field in Curriculum C.

TEACHING CURRICULA

Satisfactory completion of the requirements in Curriculum A will qualify one for the West Virginia Professional Certificate, grades 7-12. Curriculum B prepares for the Professional Certificate, grades 1-9. Curriculum C prepares for the Professional Certificate, grades 1-12. The special non-academic curriculum qualifies the student for the Nonacademic Professional Certificate in music or art in grades 1-12.

CURRICULUM A

1. Curriculum A is planned for the students who wish to prepare for teaching in the junior and senior high schools of West Virginia. This curriculum includes the following.

General education courses	43-45 Sem. Hrs.
Professional courses	23 Sem. Hrs.
Teaching field or fields	60-62 Sem. Hrs.
Total	128 Sem. Hrs.

2. General education courses total 43-45 semester hours and include the following:

Art 255	2	History 207 or 208	3
Biology 101, 102 or Phys. Sci. 201, 202	6	Music 205	2
English		Physical Education 101, 102 (W) 111, 116 (M)	2
102, 104, 208	9		
*202, 204	6	Health 102**	2
History 111, 112	8	Sociology 201, 202	6

*Students who will use English as a teaching field should schedule Eng. 351, 352 instead of 202, and Eng. 361, 362 instead of 204.

**Not required of students who complete 6 hours of credit in Biology.

3. Professional courses include 23 semester hours as a minimum. These courses are:

Education

100 Introduction to Educaton	2	341 Diagnostic Reading	2
202, 203 Human Growth & Develop.	6	432 Prin. & Meth. Sec. Schools	4
306 Tests and Measurements	2	450 Directed Teaching Sec. Sch.	7

4. Students must complete all requirements in at least two teaching fields. Teaching-fields are now available as follows:

Art
Biological Science
Biological and General Science
Commerce—Business Principles
Commerce—Occupational
English
French
Home Economics
Industrial Arts
Mathematics
Music
Physical Education
Physical Science
Physical and General Science
Social Studies
Speech

CURRICULUM B

1. Curriculum B has been organized for those students who are preparing to teach in the elementary schools. Those students who successfully complete this curriculum will qualify for a Professional certificate for teaching in the public schools in grades 1 through 9. As a part of the requirements for the certificate one must complete a minimum of 15 semester hours (12 in mathematics) credit with a quality point average of C, or better, in each of two minors. The approved minors are:

   Art to include drawing, design and painting.

   Commerce to include typewriting, shorthand, and accounting.

   English to include composition and literature.

   Foreign Language to include composition, grammar, and literature.

   General Science to include general biological science and general physical science, chemistry or physics.

   Home Economics to include foods and nutrition, textiles and clothing.

   Industrial Arts to include drawing, general shop, and organization of industrial arts.

   Mathematics to include college algebra.

   Music to include theory and applied music.

   Physical Education to include health problems for the school child and organization and administration of health and physical education.

   Social Studies to include American history and world geography.

   Speech to include fundamentals of speech, voice and diction, play directing, and speech correction.

   Teacher-Librarian to include cataloging and classification, book selection, and reference and bibliography.

Pertinent courses meeting the general education requirements may be used toward the completion of one or more minors.

2. General Education

Art 155, 156, 255	6	Mathematics 310	2
Biology 101, 102	6	Music 205, 331, 332	8
English 102, 104, 208	9	Physical Education	2
202, 204, 207	9	101, 111 (W)	2
Geography 210 or 305	3	115, 116 (M)	
Health 308	2	214	2
History 111, 112	6	Physical Science 201, 202	6
207 or 208	3	Sociology 201, 202	6
302	3		—
		Total	73

3. Professional courses include a minimum of 23 semester hours. These courses are:

Education

100 Introduction to Education	2	306 Tests and Measurements	2
202, 203 Human Growth & Dev.	6	336 Intermed. & Upper Gr. Meth.	3
226 Primary Methods	3	250 and/or 420 Directed Teach.	7

CURRICULUM C

1. Curriculum C is planned for those students who wish to qualify for teaching both in the elementry and high schools. This curriculum has the following requirements:

General education and other required courses	75 Sem. Hrs.
Professional courses	27 Sem. Hrs.
Specialized courses and electives	26 Sem. Hrs.
Total	128 Sem. Hrs.

2. General education and other courses required in this curriculum total 75 semester hours, and include the following:

Art 155, 156, 255	6	302	3
Biology 101, 102	6	Mathematics 310	2
English		Music 205, 331, 332	8
102, 104, 208	9	Physical Education	2
202, 204, 207	9	101, 111 (W)	
Geography 210 or 305	3	115, 116 (M)	
Health 308	2	214	2
History 111, 112	6	Physical Science 201, 202	6
207 or 208	3	Sociology 201, 202	6

3. Professional courses:

Education

100 Introduction to Education	2	336 Intermediate & Upper Gr. Meth.	3
200, 203 Human Growth & Dev.	6	432 Prin. & Meth. Sec. Sch.	4
226 Primary Methods	3	250 and/or 425 Directed Teach.	7
306 Tests and Measurements	2		

4. Specialization is required in two teaching fields, except for home economics, industrial arts, or commerce. In a number of fields, specialization may be obtained readily by adding courses to the minimum required in (2) above.

NONACADEMIC CURRICULA

1. The departments of Art and Music maintain nonacademic curricula in addition to the regular college curricula. The nonacademic curriculum is designed specifically to prepare teachers for work in grades 1 through 12. Consequently, students in this curriculum will necessarily include methods of teaching and directed teaching in all grades in their programs of study. The curriculum includes the following:

General education courses	42-44 Sem. Hrs.
Professional courses	24 Sem. Hrs.
Teaching fields and electives	60-62 Sem. Hrs.
Total	128 Sem. Hrs.

2. General education courses include the following:

Art	2	207 or 208	3
Biology 101, 102 or		Music 205	2
Phys. Science 201, 202	6	Physical Ed.	2
English		101, 111 (W)	
102, 104, 208	9	115, 116 (M)	
202, 204	6	Health 102*	2
History 111, 112	6	Sociology 201, 202	6

*Not required of students who complete 6 hours credit in biology.

3. Professional Courses include:

Education

100 Introduction to Education	2	336 Intermediate & Upper Gr. Meth.	3
202, 203 Human Growth & Dev.	6	432 Prin. & Meth., Sec. Schools	4
306 Tests and Measurements	2	425 Directed Teaching	7

4. Specific subject matter requirements are described under Art and Music in the list "Specific Requirements for all Teaching Fields."

SPECIFIC REQUIREMENTS FOR ALL TEACHING FIELDS

ART 40 Sem. Hrs.

Nonacademic Professional Certificates, Grades 1-12

Required Courses

Freehand Drawing		4
142 Drawing	2	
241 Drawing from Life	2	
242 Drawing & Painting from Life	3	
Design		5
141 Art Structure	2	
291 Commercial Design	3	
292 Commercial Design	3	
392 Textile Design	3	
491 Interior Design	3	
Painting and Modeling		6
261, 262 Painting in Oil	2-6	
283, 284 Modeling and Sculpture	2-6	
363, 364 Painting in Watercolor	2-6	
383, 384 Ceramics	2-6	
History and Appreciation		8
255 History and Appreciation of Art	2	
278 Ancient and Medieval Art	3	
377 Italian & North. Ren. Art	3	
378 Nineteenth Cen. & Cont. Art	3	
Art Education		6
155 Creative Exp. in Fine Arts	2	
156 Creative Exp. in App. Arts	2	
355 Mtls. and Tech. for H.S.	2	
Suggestive Electives (See list below)		11

Indus. Arts 314, 414
Plastic and Crafts
Sculpture
Advanced Painting

First Class High School Certificate 36 Sem. Hrs.

The courses for the First Class High School certificate are to be selected from the list for Special Nonacademic Certificate with the following distribution:

Drawing and Painting	5
Design	5
Modeling or Ceramics	3
History and Appreciation	5
Applied Problems for High School Teachers in Art	2
Electives	16

BIOLOGICAL SCIENCE

First Teaching Field			24 Sem. Hrs
Required Courses		6	
Biology			
101, 102 Introduction to Biology	6		
Electives (Minimum of 6 hours each in botany and zoology.)		18	
Biology			
380 Introduction to Genetics	3		
480 Principles of Evolution	2		
Botany			
201 General Botany	4		
310 Plant Physiology	4		
324 Bacteriology	4		
330 Field Botany*	3		
340 The Plant Kingdom	4		
341 The Plant Kingdom	4		
342 Plant Ecology	2		
371 Plant Anatomy	4		
Zoology			
315 Field Zoology*	3		
320 Invertebrate Zoology	4		
322 Ornithology	2		
350 Comparative Anatomy of the Vertebrates	4		
410 Histological Technique	1-4		
411 Histology	2-3		
420 Vertebrate Embryology	4		
450 Human Physiology	4		
Related Required Courses		8	
Chemistry			
101, 102 General Chemistry	8		

Second Teaching Field

Requirements same as for the First Teaching Field.

*These courses are strongly recommended. Students who find it possible to attend summer school should include them in their program.

BIOLOGICAL AND GENERAL SCIENCE

First Teaching Field			43 Sem. Hrs.
Required Courses		22	
Biology			
101, 102 Introduction to Biology	6		
Chemistry			
101, 102 General Chemistry	8		
Physics			
101, 103 Introduction to Physics	8		

Electives 21

Biological Science	10-25
A minimum of 10 hours with at least 4 hours each in botany and zoology.	
Physical Science	2-11
Geology	0-3

Second Teaching Field 43 Sem. Hrs.

Requirements same as for the First Teaching Field.

COMMERCE—BUSINESS PRINCIPLES*

First Teaching Field 28 Sem. Hrs.

Required Courses 28

Bus.	141	Business Mathematics	3
Bus.	201, 202	Prin. of Accounting	6
Bus.	306	Business Law	3
Bus.	304	Marketing	3
Econ.	201, 202	Econ. Prin. & Probs.	6
Econ.	303	Money, Credit and Banking	3
Sec. St.	101, 202 or 211	Typewriting	4

Second Teaching Field 28 Sem. Hrs.

Requirements same as for the First Teaching Field.

*For preparation in this field students are advised to complete Sec. Studies 251.

COMMERCE-OCCUPATIONAL

First Teaching Field 24 Sem. Hrs.

Required Courses 21

Bus.	201, 202	Principles of Accounting	6
Sec. St.	101, 102 or 211	Typewriting	4
Sec. St.	201, 202	Beginning Shorthand	8
Sec. St.	351	Secretarial Office Practice	3

Electives from the following courses 3

Bus. 205	Salesmanship	3
Bus. 306	Business Law	3
Bus. 320	Advertising	3

Second Teaching Field 24 Sem. Hrs.

Requirements same as for First Teaching Field.

ENGLISH

First Teaching Field 33 Sem. Hrs.

Required Courses

102, 104	First Yr. Written & Spoken	6
208	Adv. Written & Spoken Eng.	3
321	Study of the English Language	3
351, 352	Survey of English Literature	6
361, 362	Survey of American Literature	6

Electives:

Group I 207, 311, 312, 313, 314, 318, 341, 342	3-4
Group II 302, 315, 317, 322, 324, 325, 328, 329, 330, 331, 413	3-4
Related Required Subjects Library Science or Journalism.	3-4

Second Teaching Field 33 Sem. Hrs.

Requirements same as for the First Teaching Field.

FRENCH

First Teaching Field 24 Sem. Hrs.

Required Courses 12

101, 102 Elementary French or equivalent	6
201, 202 Second Year French	6

Electives

301 Literature of the 17th Cent.	3
302 Literature of the 18th Cent.	3
309 Adv. Grammar and Comp.	3
421 Literature of 19th Cent.	3
422 Literature of 19th Cent.	3
431 French Civilization and Culture	3
321 Contemporary Literature	3

Second Teaching Field 24 Sem. Hrs.

Requirements same as for First Teaching Field

HOME ECONOMICS

First Teaching Field 35 Sem. Hrs.

Required Courses

101 Elementary Clothing	2
102 Clothing Selection and Const.	3
103 Principles of Clothing Selection	2
201 Elementary Foods	3
202 Advanced Foods	3
210 Textiles	3
303 Nutrition	3
310 Family Life Ed.	2
315 Home Management	3
320 Home Planning and Furnishing	4
330 Child Care and Development	2
340 Quantity Cookery	3
406 Techniques	2

Second Teaching Field 24 Sem. Hrs.

Required Courses

101 Elementary Clothing	2
103 Principles of Clothing Selection	2
201 Elementary Foods	3
210 Textiles	3
303 Nutrition	3
310 Family Life Ed.	2
315 Home Managament	3
320 Home Planning and Furnishing	4
330 Child Care and Development	2

INDUSTRIAL ARTS

First Teaching Field			33 Sem. Hrs.
Required Courses		20	
103 General Woodworking	3		
110 General Shop	3		
130 General Electricity	3		
140 General Drawing	3		
200 General Machine Shop	3		
325 Administration and Organization of Ind. Arts	2		
335 Philosophy of Industrial Arts	3		
Electives		13	

Select a sufficient number of courses from at least two areas to make a minimum of 13 semester hours:

120 Materials of Industrial Arts	2
209 Elements of Machine Design	2
214 General Crafts	3
220 Sheet Metal	2
230 Electricity	2
242 Architectural Drawing	2-3
300 Blue Print Reading	2
303 Furniture Construction and Design	2
304 General Cabinet Making	3
308 Wood Finishing	2
310 General Shop	2
314 Plastics and Crafts	2
320 Sheet Metal	2
322 General Metals	3
334 Machine Shop	2
340 Mathematical Drawing	2
342 Architectural Drawing	2
345 Acetylene Welding	2-3
346 Arc Welding	2-3
350 Machine Drawing	2
360 School Shop Planning	2
388 Cabinet Making	2
404 Building Construction	4
404A Building Construction	2
405 Building Construction	4
405A Building Construction	2
408 Cabinet Making	2
415 Driver Education	2
420 Sheet Metal	2
422 General Metals	2
434 Machine Shop	2
442 Architectural Drawing	2
450 Machine Drawing	2
462 Architectural Drawing	2
474 Industrial Maintenance	2-3
475 Mill Wrighting	2-3
490 Methods and Materials for Teaching I.A.	2

Second Teaching Field	33 Sem. Hrs.

Requirements same as for First Teaching Field.

LIBRARY SCIENCE

15 Sem. Hrs.

Fairmont State College is offering sufficient courses in Library Science to enable prospective "teacher-librarians" to meet the North Central Association of Colleges and Secondary Schools requirements for high schools enrolling up to 500 students. Some of the courses scheduled will be offered only in alternate years. West Virginia does not certify librarians at this time.

Library Science Courses

302	School Library Administration	3
303	Cataloging and Classification	3
305	Selection and use of Secondary School Library Materials	3
306	Reference and Bibliography	3
404	Practice Work	3

MATHEMATICS*

21 Sem. Hrs.

First Teaching Field

Required Courses

221	College Algebra	3
231	Plane Trigonometry	3
251	Analytic Geometry	4
321	Differential Calculus	4
331	Integral Calculus	4

Electives 3

341, 361, 372, 381, 391, 393, 401, 411

Second Teaching Field

Same as for the First Teaching Field 21 Sem. Hrs.

*One and one half units of high school algebra, one unit of plane geometry, and one-half unit of solid geometry are required of students preparing for certification in mathematics. Students who present but one unit in algebra will be required to complete Math. 111; those who do not have credit in solid geometry will be required to complete it before enrolling in Math. 321.

MUSIC

58 Sem. Hrs.

Nonacademic Professional Certificate, Grades 1-12

Theory			16
109, 110		8	
209, 210		8	
Applied Music			16
105-108 or 107-208	Piano*	4	
139-140 or 141-142	Voice	2	
211	Begin. String Class	1	
213	Begin. Brass Class	1	
215	Begin. Woodwind Class	1	
217	Begin. Percussion Class	1	
	Elective in performance area as approved by department adviser	7	
History and Appreciation			8
205	Music in Human Relations	2	
313-314	Music History	6	

Conducting		4	
345-346 Conducting	4		
Participation**		6	
169-470 Band			
275-476 Advanced Instrument Ensemble			
277-478 Advanced Choral Ensemble			
Music Education		6	
332 Music Materials and Proced.	3		
431 Music Educ. for Schools	3		
Electives in Music		2	
First Teaching Field			40 Sem. Hrs.

The Courses for the professional certificate for teaching in high school are to be selected from the list for the nonacademic professional certificate with the following distribution:

Theory	12
Applied Music, including voice, piano* and orchestral instruments	10
Music History and Appreciation	8
Conducting	4
Participation**	3
Music Education	3

Second Teaching Field

Requirements same as for First Teaching Field

*Piano is required of all students. At the completion of the required number of hours, the student must pass a proficiency examination. If the student fails the examination, he (she) must pursue the subject, without credit, until a satisfactory degree of proficiency has been attained.

**All Students majoring or minoring in music are required to participate in at least one campus music performance group during each semester of college registration. When the required number of participation credits has been attained, students may register for performance groups on a non-credit basis, or else apply participation credit toward the area of music electives.

PHYSICAL EDUCATION (Men)

First Teaching Field					30 Sem. Hrs.
Required Courses				18	
Physical Education			12		
115, 116*	Freshman Orientation	2			
271	Team Sports	2			
272	Individual and Dual Activities	2			
310	Human Anatomy, Physiology	2			
311	Kinesiology	2			
**461	Organization and Administration of P.E.	2			
Health			6		
102	Personal Health	2			
308	School Health Problems	2			
404	Physical Inspection	2			

Electives		12
Physical Education: Team Sports		5
201 Theory and Practice in Fund. Football	1	
202 Theory and Practice in Fund. Basketball	1	
203 Theory and Practice in Fund. Baseball	1	
204 Theory and Practice in Fund. Track	1	
210 Theory and Practice in Fund. Soccer	1	
320 Theory of Coaching Football	2	
321 Theory of Coaching Basketball	2	
322 Theory of Coaching Track	2	
323 Theory of Coaching Baseball	2	
324 Theory of Coaching Wrestling	2	
329 Officiating: Football and Basketball	2	
Recreational Activities		2
Physical Education:		
131 Beginner's Swimming	1	
205 Theory and Practice in Fund. of Golf	1	
206 Theory and Practice in Fund. of Tennis	1	
207 Theory and Practice in Fund. of Wrestling	1	
208 Theory and Practice in Fund. of Swimming	1	
209 Theory and Practice in Fund. of Crosscountry	1	
231 Intermediate Swimming	1	
237 Beginner's Tennis	1	
317 Stunts and Tumbling	1	
324 Archery and Badminton	1	
330 Advanced Swimming	2	
331 Swimming Techniques and Life Saving	2	
337 Advanced Tennis	1	
365 Activities, Assisting	1	
339 Theory and Practice in Fund. of Bowling	1	
Recreation		
344 Recreational Leadership	1-3	
School and Community		4
Recreation		
236 Co-Recreational Activities	2	
442 Camping and Youth Organizations	2	
443 Community and Industrial Organizations	2	
Health		
241 First Aid and Safety Education	2	
Rhythmic Activities		1
Recreation		
126 Social Dancing	1	
325 Square Dancing	1	
Physical Education		
325 Folk Dancing	1	

Second Teaching Field

Requirements same as for the First Teaching Field.

*Required that student practice for and participate in Physical Educatio Jamboree.

**At least two courses numbered from 200 to 212 are pre-requisite to 461.

PHYSICAL EDUCATION (Women)

First Teaching Field				32 Sem. Hrs.
Required Courses			14	
Physical Education				
101, 111	Freshman Orientation	2		
310	Human Anatomy, Physiology, and	2		
311	Kinesiology	2		
*351	History and Principles of P.E.	2		
461	Organization and Administration of P.E.	2		
Health				
102	Personal Health	2		
308	School Health Problems	2		
404	Physical Inspection	2		
Electives: From the area of Team Sports			7	
Physical Education				
117	Field Hockey and Soccer	1		
217	Volley Ball and Basketball	1		
219	LaCrosse and Softball	1		
316	Coaching and Off. Hockey and Soccer	2		
319	Coaching and Off. LaCrosse and Softball	2		
327	Coaching and Off. Volleyball and Basketball	2		
Electives: From the area of Recreational Activities			4	
Physical Education				
131, 231 330, 331	Swimming	1-2		
237, 337	Tennis	1		
**317	Stunts and Tumbling	1		
Recreation				
324	Archery and Badminton	1		
339	Bowling	1		
Electives: From the Area Community and School			4	
Physical Education				
442	Camping and Youth Organ.	2		
443	Community and Indus. Organ.	2		
Recreation				
236	Co-recreational Activities	2		
Health				
241	First Aid	2		
Electives: From the Area of Rhythms			3	
Physical Education				
226	Modern Dance	1		
325	Folk Dance	1		
425	Children's Rhythms	1		
Recreation				
325	Square Dance	1		

*May be elected instead of P.E. 461.
**Required for this area.

Second Teaching Field 32 Sem. Hrs.
Requirements same as for the First Teaching Field.

PHYSICAL SCIENCE

First Teaching Field				36 Sem. Hrs.
Required Courses			8	
Chemistry				
101, 102	General Chemistry	8		
Physics			15	
101, 103	Introduction to Physics	8		
201	Demonstrations in Physics	3		
310	Electricity and Electronics	4		
Electives: At least 8 hours must be in Chemistry			13	
Chemistry				
201	Qualitative Analysis	4		
240, 241	Quantitative Analysis	4-8		
301, 303	Organic Chemistry	8		
Physics			5	
320, 321	Mechanics	6		
340	Special Problems	2-3		
420, 421	Introduction to Atomic Physics	6		
Second Teaching Field				24 Sem. Hrs.
Required Areas				
Chemistry		12-16		
Physics		8-12		
Elective				
Geology		3		

PHYSICAL AND GENERAL SCIENCE 44 Sem. Hrs.

First Teaching Field			
Required Courses			
Chemistry			8
101, 102	General Chemistry	8	
Physics			15
101, 103	Introduction to Physics	8	
201	Demonstration in Physics	3	
310	Electricity and Electronics	4	
Biology			9
101, 102	General Biology	6	
380	Introduction to Genetics	3	
Electives: A minimum of four hours must be in chemistry			12
Chemistry		4-8	
Physics		0-4	
Biology		0-4	

Second Teaching Field
Requirements same as for First Teaching Field

SECRETARIAL STUDIES 24 Sem. Hrs.

See Commerce-Occupational

SOCIAL STUDIES 39 Sem. Hrs.

First Teaching Field

Required Courses

History

111, 112	Development of Social Institutions	6
207, 208	Survey of United States History	6
221, 222	Modern Europe or	
340	History of Europe Since 1870	3
302	History of West Virginia	3

Economics

305	Economic Principles	3

Geography

210	World Regional or	
305	World Political Geography	3

Political Science

103	American Government	3

Sociology

201, 202	Fundamental Social Problems	6
	To be selected from the following:	3
301	Cultural Anthropology, or	
310	Marriage and the Family, or	
350	Sociology of Adolescence, or	
403	Social Psychology, or	
420	Educational Sociology	

Electives: From History, Economics, Geography, Political Science, Sociology	3

Second Teaching Field

Requirements same as for First Teaching Field

SPEECH

First Teaching Field 28 Sem. Hrs.

Required Courses 14

101	Fundamentals of Speech	2
105	Voice and Diction	2
243	Debate	2
336	Play Directing	2
336L	Play Directing Lab.	1
337	Effective Speaking	2
430	Speech Correction	3

Elective Courses* 14

Forensics

244	Intercollegiate Debating	1-2
245	Oratory	1-2
401	Extemporaneous Speaking	1

Radio

330	Fund. of Radio Speech	2
334	Radio Production	2
334L	Radio Production Lab.	1

Theatre

120	Theatre Appreciation	2
151	Play Production	2
152-452	Theatre Workshop	1-2
251	Acting	2
301-301L	Makeup	1-2
318	Modern Drama	3

Interpretation

313	Shakespeare: Comedies	2
314	Shakespeare: Tragedies	2
421	Poetry Interpretation	3

*At least one course must be elected in each area.

Second Teaching Field 24 Sem. Hrs.

Required Courses

101, 105, 151, 243, 245, 330, 336, 337, 421, 430

Electives: From courses listed for First Teaching Field 3

SPECIAL CURRICULA

PRE-PROFESSIONAL CURRICULA

The courses outlined below are organized to meet the needs of those students who plan to continue their work in some professional school after one or two years as a student in Fairmont. Since most of this work is basic in character, it may be used in meeting the requirements for graduation from Fairmont State College.

Pre-professional work is offered in the following fields:

- Dentistry
- Law
- Medicine
- Medical Technology
- Nursing
- Social Work

An outline of the courses to be included in the pre-professional curricula listed above is outlined below for the use of students and advisers. Since the majority of students doing such work will later enter the professional schools at West Virginia University, the courses have been prepared with the idea of meeting the requirements laid down by University authorities for their own pre-professional students. Students expecting to enroll in other professional schools should procure a catalogue from the school they expect to enter with advanced standing so that the course taken here will meet the requirements they need to meet. The pre-profssional field adviser will assist students in making all necessary adjustments.

The arrangement of courses of the pre-professional curricula by years may have to be varied somewhat to meet schedule situations and the interests of students. The pre-professional advisers should, however, be consulted as regards any such changes before they are made.

PRE-DENTAL CURRICULUM

Students enrolled in pre-dentistry should plan their programs in relation to the requirements of specific college of dentistry, for the entrance requirements differ somewhat among the various colleges. They should obtain a catalogue from the school of their choice, and use it as a guide in selecting their courses in Fairmont. Only students with a B average, or higher will be urged to continue dental training.

A recommended schedule for a two-year pre-dental course in Fairmont State College follows:

Course	First Year		Second Year	
	Hrs.	Hrs.	Hrs.	Hrs.
English 102, 104	3	3		
Chemistry 101, 102	4	4		
German 101, 102 or French 101, 201	3	3		
German 201, 202 or French 201, 202			3	3
Biology 101, 102	3	3		
Zoology* 320, 321			4	4
Physics 101, 103			4	4
Chemistry 301, 303			4	4
Psychology 103	3			
Electives (Composition, Literature or Sociology)		3	2	2

*Some dental schools specifically require zoology. In most instances, biology or zoology courses will meet requirements. There normally should be an opportunity to include 3-4 hours of elective courses in the first year.

PRE-LAW CURRICULUM

Fairmont State College no longer offers a distinct Pre-Law curriculum, for the policy of law schools generally is to admit only those applicants who have been graduated with at least a bachelor's degree. Narrow curricula are no longer specified. Students, therefore, who are working toward entrance to law school should consult with the Pre-Law adviser and follow his recommendations.

PRE-MEDICAL CURRICULUM

Students planning to study medicine will find ample opportunity to prepare for this profession at Fairmont State College. Courses in the physical and biological sciences are adequate to meet the requirements of any medical college. The pre-medical student, however, should understand that medical colleges do not regard the basic sciences as the only important area in the preparatory program for the profession. Indeed the trend is definitely to favor general education over a narrow, specialized science concentration. The pre-medical curriculum at Fairmont has been developed in consideration of this trend.

Most medical colleges expect or require applicants to be graduates of a four-year college, but some students may be admitted upon completion of a three-year curriculum. Graduates of Fairmont who have completed the pre-medical curriculum with good marks are readily accepted by several outstanding medical colleges. One should know however that mediocre work is not a recommendation for entrance to any professional school. Consequently, only the better students can be confident of admission to a medical college.

SUGGESTED SCHEDULE

First Year

Eng.	102, 104	First Year Wr. & Spkn. Eng.	6 Hrs.
Hist.	111, 112	Development of Social Inst.	6 Hrs.
Chem.	101, 102	General Chemistry	8 Hrs.
Math.	221, 231	College Algebra and Trigonometry	6 Hrs.
P. Ed.	115, 116	Freshman Orientation	2 Hrs.
Biol.	101, 102	Introduction to Biology	6 Hrs.

Second Year

Eng.	202, 204	St. & App. Eng. and Am. Lit.	6 Hrs
Soc.	201, 202	Fundamental Social Problems	6 Hrs
Chem.	201, 241	Qual. and Quan. Analysis	8 Hrs
Phys.	101, 102	Introduction to Physics	8 Hrs
Fr.	101, 102	Elementary French	6 Hrs
	or		
Germ.	101, 102	Elementary German	

Third Year

Art.	255	Hist. and App. of Art	2 Hrs
Chem.	301, 302	Organic Chemistry	8 Hrs
Fr.	201, 202	Second Yr. French	6 Hrs
	or		
Germ.	201, 202	Second Yr. German	
Eng.	208	Advanced Wr. and Spkn. Eng.	3 Hrs
	or		
Sp.	211	Public Speaking	
Zoo.	321, 350	Vertebrate Zoo. and Comp. Anat.	8 Hrs
Mus.	205	Music in Human Relations	2 Hrs
Hist.	207 or 208	American History	3 Hrs
Psy.	103	General Psychology	3 Hrs

Fourth Year

Chem. 405	Physical Chem.	4 Hrs.
Electives		30 Hrs.

PRE-MEDICAL TECHNOLOGY CURRICULUM

Any student interested in the Pre-medical Technology Curriculum should understand that fulfilling the requirements of a two-year program calls for careful planning. Moreover, this curriculum is only preparatory for further work in some institution—hospital or university—accredited for training medical technologists. The student, therefore, should place his program not only for the two-year curriculum at Fairmont State College but also for curriculum at a school of medical technology.

To be admitted to the curriculum at this college, the student must be a graduate of an accredited four-year high school and must present a minimum of one unit credit in algebra and one unit in plane geometry as a part of the entrance requirements. The college work shall include credit as follows:

English. 12 semesters—6 hours of composition and 6 hours of literature
French or German. 12 semester hours in one language.

Biological Science. 8 semester hours in general biology and zoology.

Chemistry. 20 semester hours—8 hours in inorganic, 4 hours in quantitative analysis, and 8 hours in organic.

Physics. 8 semester hours.

Physical Education. 2 semester hours.

Electives. 6 semester hours from English, History, Political Science, Sociology, and Geography.

PRE-NURSING CURRICULUM

There has been a tendancy in recent years in nursing education toward the establishment of a requirement of at least two years of college work preparatory to entering a school of nursing. Students in this curriculum are advised to use their elective hours in the direction of a broad, general education.

A suggested program of studies in Fairmont State College follows:

	First Year		Second Year	
Course	Hrs.	Hrs.	Hrs.	Hrs.
English 102, 104	3	3		
Chemistry 101, 102	4	4		
Biology 101, 102	3	3		
Language or elective	3	3	3	3
Physical Education			2	2
Literature			3	3
Psychology 103			3	3
Sociology 201-202			3	3
Electives	3-4	3-4	2-3	2-3

PRE-SOCIAL WORK CURRICULUM

The pre-professional curriculum in Social Work is designed to meet the needs of the students who plan to enter the School of Social Work at West Virginia University, or other approved schools of social work. Professional education for the many positions available for professional social workers is on a graduate basis in all accredited schools of social work. The undergraduate program, which may be obtained completely at Fairmont State College, includes broad and intensive preparation in the social sciences and related fields.

Students who choose this course must satisfy all the requirements prescribed for the Bachelor of Arts. They should elect their major in sociology, or social science and meet the requirements setup for majors in one of those fields. The program for this curriculum should be planned in consultation with the chairman of the Department of Sociology.

TWO-YEAR CURRICULA

Fairmont State College now offers several special curricula each of which require completion of 64 semester hours with a quality point average of 2.0 or better. These curricula are now available in the following areas:

Accountancy
Clerical
General Education
Secretarial

The purpose of these curricula is to provide desirable vocational training for those persons who are unable to complete an entire four-year course without interruption, and for those persons who desire some college training organized with a definite objective in mind to contrast to a more or less random selection of courses. These curricula are organized in such a manner as to be complete within themselves, while, at the same time, they will serve as preparation for the more intensive and richer four-year courses. The quality of the instruction offered will be identical with that in the four-year courses.

Fairmont State College is authorized by the State Board of Education to issue the certificate Associate in Arts or Associate in Science upon the successful completion of any of these special two-year curricula. The student, of course, may choose not to complete all the requirements of a special curriculum and continue work toward a baccalaureate degree instead. A 2.0 average for all courses attempted and for those in area of specilization is required.

ACCOUNTING CURRICULUM 64 Sem. Hrs.

Required Courses

Bus.	141	Business Mathematics	3
Bus.	201, 202	Principles of Accounting	6
Bus.	301, 302	Advanced Accounting	6
Bus.	306	Business Law	3
Bus.	406, 407	Income Tax, Indiv. & Corporate	6
Econ.	201, 202	Principles and Problems	6
Eng.	102, 104	First Yr. Wr. & Spoken Eng.	6
Sec. St.	101, 102	Begin. Typewriting	2
Psy.	103	General Psychology	3
Speech	101 or	Fundamentals of Speech	2
	105	Voice and Diction	2
Electives			21

SECRETARIAL CURRICULA 64 Sem. Hrs.

TWO YEARS

Required Courses

Bus.	141	Business Mathematics	3
Eng.	102, 104	First Year Wr. & Spk. Eng.	6
Sec. St.	101, 102	Begin. & Adv. Typewriting	4
Sec. St.	104	Secretarial Accounting	3
Sec. St.	201, 202	Begin. Shorthand	8
Sec. St.	211	Vocational Typewriting	2
Sec. St.	251	Business Correspondence	2
Sec. St.	301, 302	Adv. Shorthand and Transcript	8

Sec. St.	311	Office Machines & Filing	2
Sec. St.	351	Sec. Office Practice	3
Psy.	103	General Psychology	3
Speech	101 or	Fundamentals of Speech	2
	105	Voice and Diction	2
Electives			18

ONE YEAR 32 Sem. Hrs.

Required Courses

Eng.	102, 104	First Year Wr. & Spk. Eng.	6
Sec. St.	101, 102 or 211	Begin. & Adv. Typewriting	4
Sec. St.	104	Secretarial Accounting	3
Sec. St.	201, 202	Begin. Shorthand	8
Sec. St.	311	Office Machines & Filing	2
Electives			9

CLERICAL CURRICULA 64 Sem. Hrs.

TWO YEARS

Required Courses

Bus.	102	Principles of Business	3
Bus.	141	Business Mathematics	3
Bus.	201, 202	Principles of Accounting	6
Eng.	102, 104	First Year Wr. & Spkn. Eng.	6
Sec. St.	101, 102	Begin. & Adv. Typewriting	4
Sec. St.	211	Vocational Typewriting	2
Sec. St.	251	Business Correspondence	2
Sec. St.	311	Office Machines & Filing	2
Sec. St.	351	Sec. Office Practice	3
Psy.	103	General Psychology	3
Speech	101 or	Fundamentals of Speech	2
Speech	105	Voice and Diction	2
Electives			28

ONE YEAR 32 Sem. Hrs.

Required Courses

Bus.	141	Business Mathematics	3
Bus.	201, 202	Principles of Accounting	6
Eng.	102, 104	First Year Wr. & Spkn. Eng.	6
Sec. St.	101, 102 or 211	Begin. & Adv. Typewriting	4
Sec. St.	311	Office Machines & Filing	2
Electives			11

GENERAL EDUCATION CURRICULUM

First Year

First Semester	Sem. Hrs.	Second Semester	Sem. Hrs.
Eng. 102, First Year Written and Spoken English	3	Eng. 104, First Year Written and Spoken English	3
Biol. 101, Intro. to Biol. or Phy. Sci. 201, Gen. Phy. Sci.	3	Biol. 102, Intro. to Biol. or Phy. Sci. 202, Gen. Phy. Sci.	3
Hist. 111, Development of Soc. Inst.	3	Hist. 112, Development of Soc. Inst.	3
Speech 101, Fund. of Speech	2	Phil. 101, Intro. to Phil.	3
P.E. 101, or 115 Fr. Orient.	1	P.E. 111, or 116 Fr. Orient.	1
Electives	4-5	Electives	3-4
	16-17		16-17

Second Year

First Semester	Sem. Hrs.	Second Semester	Sem. Hrs.
Eng. 202, St. & App. of Eng. Lit.	3	Eng. 204, St. & App. American Lit.	3
Soc. 201, Fund. Soc. Probs.	3	Soc. 202, Fund. Soc. Probs.	3
Psy. 103, General Psychology	3	Music 205, Music in Hum. Rel.	2
Art. 255, Hist. & App. of Art	2	Electives	8-9
Electives	5-6		
	16-17		16-17

COURSES OF INSTRUCTION

Key to Abbreviations

Hrs.—Number of credit hours per course.
PR—Prerequisite.

The Plan for Numbering Courses

Courses 100 to 199—Courses intended primarily for freshmen.
Courses 200 to 299—Courses intended primarily for sophomores.
Courses 300 to 399—Courses intended primarily for juniors.
Courses 400 to 499—Courses intended primarily for seniors.

Schedules

Before the opening of each semester, a schedule is printed announcing the courses to be offered in that semester. Preliminary and final registration is made from this schedule. A complete schedule of all courses offered in the Summer session is printed in the Summer Session Bulletin.

ART*

Miss Rhodes, Mr. Williams

141. **Art Structure.** Two hours.

A basic course in the principles of design applicable to various media and techniques.

142. **Drawing.** Two hours.

The development of technical skills in the use of various drawing media with a continuation of problems of composition.

155. **Creative Expression in the Fine Arts.** Two hours.

Art related to the general educational program of the elementary school. Experience in drawing, painting, poster, and design, using various media suitable for children.

156. **Creative Expression in the Applied Arts.** Two hours.

Crafts related to the general educational program. Experience in working with clay, paper, wire, puppets, etc.

241. **Drawing from Life.** Two hours.

Drawing from the posed model accompanied by analytical studies of anatomy.

242. **Drawing and Painting from Life.** Two-three hours.

Continuation of Art 241.

255. **History and Appreciation of Art.** Two hours.

Emphasis upon art in contemporary living. Considers the social, political, and economic impact upon historical backgrounds and modern developments in various art fields.

261. **Painting in Oil.** Two-three hours.

A course designed for those who have had no previous work in painting in oil. No prerequisites.

262. **Painting in Oil.** Two-three hours.

Continuation of 261.

278. **Ancient and Medieval Art.** Three hours.

History of Art from Prehistoric times to 1400 A.D. An analysis of the philosophical, religious, and political beliefs and conditions that produced various artistic expressions. Use of slides and prints.

283. **Modeling and Sculpture.** Two-three hours.

Introductory course using clay modeling, plaster, and metal sculpture.

284. **Modeling and Sculpture.** Two-three hours.

Continuation of Art 283. Includes carving in wood and stone.

291. **Commercial Design.** Three hours.

Lettering and design for advertising, posters, and display. The approach may be from either the professional or the school point of view. PR: 141.

292. **Commercial Design.** Three hours.

Construction and arrangement of display material.

355. **Applied Problems for High School Teachers.** Two hours.

Planning and application of problems for high schools. Coordinated with the Education Department and the public schools. Designed for students who are practice teaching or for teachers in service.

361. **Painting in Oil.** Two-three hours.

Still life, landscape, and figure painting in oil.

362. **Painting in Oil.** Two-three hours.

Continuation of Art 361.

363. **Painting in Watercolor.** Two-three hours.

Composition and techniques of painting in watercolor. PR: 142.

364. **Painting in Watercolor.** Two-three hours.

Continuation of 363.

377. **Italian and Northern Renaissance Art.** Three hours.

History of painting, sculpture, architecture, and the minor arts in Italy, the Netherlands, Germany, Spain, France, and England from circa 1400 A.D. to the 19th century.

378. **Nineteenth Century and Contemporary Art.** Three hours.

History of art from the 19th century to the present. An analysis of art movement; neo-classican, romanticism, impressionism, post-impressionism, expressionism, cubism, and surrealism.

383. **Ceramics.** Two-three hours.

Modeling, firing, and glazing pottery and ceramic sculpture.

384. **Ceramics.** Two-three hours.

Continuation of 383.

392. **Textile Design.** Three hours.

Designs and stencils, silk screen, and weaving. Study of contemporary designers and professional practices. Techniques applicable to high school teaching. PR: 141.

461. **Advanced Painting in Oil.** Two-three hours.

Experimental study and execution of oil painting using various techniques such as impasto, glazing, and knife painting with also sizing and stretching of canvas and the construction of proper frames.

462. **Advanced Painting in Oil.** Two-three hours.

Continuation of 461.

463 **Painting in Any Medium.** Two-three hours.

The student is permitted to select the medium and then experimentally exploit all the technical and creative possibilities that it permits.

491. **Interior Design.** Three hours.

Problems of designing and furnishing the home. Considers traditional backgrounds and contemporary development. PR: 141.

*Prerequisites are for students majoring in Art.

BIOLOGICAL SCIENCE

Mr. Davisson, Mr. Creasy, Mrs. Quintrell, and Staff

BIOLOGY

101. **Introduction to Biology.** Three hours.

This course and the one following constitute a year's study of the biological principles governing living things with particular emphasis on their human implications. The approach of this course was designed especially for teachers in elementary and secondary schools by a state committee of college teachers of biology. Staff.

102. **Introduction to Biology.** Three hours.

Continuation of 101. Staff.

284. **Scientific Photography.** Two hours.

A course designed to familiarize students with the fundamentals of photography and its many applications in the field of science. Some attention is given to photomicrography. Open to students that have an interest in both photography and biology. Mr. Creasy.

340. **Bio-Ecology.** Two hours.

A study of the relationship of living things to their environment. PR: Biol. 101-102, or equivalent. Mr. Creasy.

380. **Introduction to Genetics.** Three hours.

Elementary studies of the principles of heredity. PR: Biol. 101-102, or equivalent. Mr. Davisson.

390. **The Biology of Endocrines.** Three hours.

A study of the structure and function of the endocrine glands of animals and man, their products and interactions. A survey of natural and synthetic plant hormones is also included. Mrs. Quintrell.

410. **Biological Colloquim.** One hour.

A seminar for biology majors. Staff.

480. **Principles of Evolution.** Two hours.

An introduction to the study of evolution. PR: 101-102, or equivalent. Mr. Davisson.

BOTANY

Mr. Creasy

201. **General Botany.** Four hours.

Two lectures and two two-hour laboratories each week. The first part of the semester is given to the study of the structure and functioning of the seed plant. The second part includes a survey of both lower and higher forms of plants with emphasis on reproductive structures. Basic to all other botany courses. Mr. Creasy.

210. **Trees and Shrubs.** Two hours.

A study of the native trees and shrubs of West Virginia, with consideration of exotics as time permits. Propagation, pruning, plantations, woods, and various other pertinent aspects of the field are studied in this course. Mr. Creasy.

224. **Microbiology.** Three hours.

Two lectures and one two-hour laboratory each week. The technique of isolating, and identifying bacteria is considered. Attention is given to the several types of disease-producing microorganisms and methods of control. This is a general course designed to give the student an understanding of the importance of microorganisms in the life of man. Mr. Creasy.

310. **Plant Physiology.** Four hours.

Two lectures and two two-hour laboratories each week. All of the physiological processes of plants are considered; ascent of sap, transpiration, food synthesis, respiration, translocation, and growth and development. Prerequisite Botany 201 or its equivalent. Mr. Creasy.

330. **Field Botany.** Three hours.

One lecture and two two-hour laboratories each week. Designed for those who plan to teach. The various groups of plants are considered in the field and laboratory with emphasis on the seed plants. Some attention is given to ecology. Mr. Creasy.

340. **The Plant Kingdom.** Four hours.

Two lectures and two two-hour laboratories each week. Deals with the structural characteristics of the great plant groups through the bryophytes. Their organization, development, and reproductive structures are considered in detail. Teaching materials are compiled, techniques developed, and there are field trips on occasion. Mr. Creasy.

341. **The Plant Kingdom.** Four hours.

Two lectures and two two-hour laboratories each week. Continuation of Morphology 340 but may be taken as an independent unit. This course covers the vascular plants including the ferns, gymnosperms, and angio-sperms. Mr. Creasy.

342. **Plant Ecology.** Two hours.

Two one-hour lectures each week. A study of structural adaptations of plants for survival in their physical and biological environments. Plant geography is considered. Field trips on occasion. Mr. Creasy.

361. **Plant Histology.** Two to four hours.

Lectures and practical instructions in the preparation of permanent as well as temporary slides for microscopic observation of plant tissues. Various methods of killing, sectioning, and staining are learned. Prerequisite Botany 201. Mr. Creasy.

371. **Plant Anatomy.** Three hours.

Two lectures and one two-hour laboratory each week. Studies of the fundamental tissue organization of the higher plants. Development and differentation of cell types and structures as related to function are considered. Prerequisite Botany 201. Mr. Creasy.

415. **Problems Course.** Two to four hours.

Advanced work on special phases of botany. Mr. Creasy.

BUSINESS ADMINISTRATION

Mr. Jaynes, Mr. Cole, Mr. Dunn, Mr. Hough, Mrs. Pinto, Mr. Potesta

102. **Introduction to Business.** Three hours.

A survey of the various fields of business designed to acquaint the student with the basic principles, practices, and employment opportunities of each field. The student is provided, early in his college training, with the information of, and preparation for, the advanced courses in business to aid in choosing his major studies. Mr. Dunn.

141. **Business Mathematics.** Three hours.

This course is designed to provide knowledge and skill in the computation of the practical problems of a business. The course content should form a sound basis for further study in the following areas: accounting, investments, business finance, money and banking, insurance, and related business subject. Special emphasis will be directed to review of the basic arithmetic skills. The course is designed to meet the requirements for mathematics for students in business administration. Mr. Cole.

201. **Principles of Accounting.** Three hours.

Fundamental bookkeeping procedures. Organization of accounts, journalizing and posting, expense and revenue accounts, adjustments and closing procedures, and the preparation of financial and operating statements for individual proprietorships. Mr. Potesta.

202. **Principles of Accounting.** Three hours.

Continuation of 201, introducing accounting concepts applicable to partnerships and corporations, including manufacturing concerns. Mr. Potesta.

203. **Accounting for Small Business.** Three hours.

A basic course designed to acquaint business men and industrial personnel with the fundamental bookkeeping and accounting practices. Attention will be directed to the reading and interpretation of financial statements and ledgers to facilitate business management and control. The Staff.

205. **Salesmanship.** Three hours.

A study of techniques appropriate to personal selling, both retail and contact. Students are given opportunities to construct and give sales presentations. Mr. Cole.

300. **Principles of Retailing.** Three hours.

A study of the history, financing, organization, operation, and trends of the modern retail store. With the use of individual and committee projects, students will construct complete plans for a model retail store. Mr. Dunn.

301. **Advanced Accounting.** Three hours.

Interpretation and use of accounting data. Accounting theories applicable to the evaluation of assets and determination of liabilities and net work. PR: Bus. 201, 202. Mr. Potesta.

302. **Advanced Accounting.** Three hours.

Continuation of 301. Accounting for partnerships, installment sales, consignment sales, branch accounting, consolidated statements, and estates and trusts. PR: Bus. 301. Mr. Potesta.

304. **Marketing.** Three hours.

A study of those business activities necessary to effect transfers in ownership of goods and to provide for their physical distribution. PR: Econ. 201, 202 or consent of instructor. Mr. Cole.

306. **Business Law.** Three hours.

Introduction to the study of our legal system, courts and procedure, fundamentals of the law of contracts, agency and negotiable instruments. Mr. Potesta.

307. **Business Law.** Three hours.

Continuation of 306. Fundamentals of the law of sales, partnership, corporations, and the legal basis of property as applied to business situations. Bus. 307 will not satisfy 3 hour requirement in the teaching field of Commerce-Business Principles. Mr. Potesta.

308. **Personnel Management.** Three hours.

A study of the field of personnel management and industrial relations including its background, development, job analysis, description and classification, selection, training, wage plans, collective bargaining, personnel records, and research. Mr. Jaynes.

309. **Industrial Organization and Management.** Three hours.

A study of the problems of the organization and management of an industrial plant, including the selection of plant location, factory buildings, plant layout, power, heat, light, purchasing, etc. Mr. Jaynes.

310. **Statistics. (offered in alternate years)** Three hours.

The course includes computation of statistical measurements, methods of collecting and analyzing data, and the interpreting of results. Mr. Jaynes.

312. **General Insurance.** Three hours.

A course designed to acquaint the student with the various types of insurance, both personal and business, to better prepare him to make his own insurance plans as well as to inform him concerning the many types of insurable risks. Mr. Jaynes.

314. **Office Management.** Two hours.

The study of office management principles, analysis of office procedures, filing, transcribing, correspondence, reports, business machines and forms. The application of personnel management techniques to office management, office organization, office layouts. Staff.

320. **Principles of Advertising.** Three hours.

A survey course of the social, psychological, and some technical aspects of advertising. For Business and Journalism students. Mr. Cole.

404. **Cost Accounting.** Three hours.

Elements and methods of cost finding. Methods of collecting and recording the cost of material, labor and burden in factory production. Introduction to concepts of job order, process cost, and standard cost accounting. Mr. Hough.

405. **Auditing.** Three hours.

Duties and responsibilities of auditors, methods of verification of balance sheet and profit and loss accounts, preparation of working papers, schedules, audit reports, and certificates. PR: Bus. 201, 202, 301, 302, 404. Mr. Hough.

406. **Federal Income Tax Accounting: Individual.** Three hours.

Preparation of income tax returns from the accounts of an individual; exclusions and inclusions for gross income, capital gains and losses, business expenses and other deductions. Staff.

407. **Federal Income Tax Accounting: Partnership and Corporation.** Two-three hours.

Continuation of 406, including preparation of income tax returns from accounts of partnerships, estates and trusts, and corporation. PR: Bus. 406. While previous accounting knowledge or experience will be helpful, no prior accounting training, knowledge, or experience is required. Staff.

410. **Investments.** Three hours.

A study of the principles of investment procedures and practices to follow in investing money. Included in the course are the following: methods of statistical analysis; types of investment securities; sources of information; municipals; governments; investment trusts; the stock markets, etc. Mr. Jaynes.

416. **Sales Management. (offered in alternate years)** Three hours.

A study of controlling the activities of salesmen and the management of sales promotion; advertising and research. Attention will be given to the selection of sound sales objectives, determination of general marketing policies, analysis of selling functions, and the development of a sales staff with good morale, cooperation, and discipline. PR: Bus. 205 or consent of instructor. Mr. Dunn.

417. **Credits and Collections. (offered in alternate years)** Three hours.

A study of consumer credit management, mercantile credit management, and technical and legal aspects of collection, and credit and collection control. PR: Bus. 304 recommended but not required. Mr. Cole.

CHEMISTRY

Mr. Haught, Mrs. Swiger, and Staff

101. **General Chemistry.** Four hours.

The beginning course in college chemistry; has no prerequisites. Offered only in the fall semester and first term of the summer session.

102. **General Chemistry.** Four hours.

The second half of the first year of beginning college chemistry. Offered only in the spring semester and the second term of the summer session. PR: Chem. 101.

201. **Qualitative Analysis.** Four hours.

Required of all students who major in chemistry. PR: Chem. 102.

240. **Quantitative Analysis.** Four hours.

Gravimetric analysis. Required of all students who major in chemistry. PR: Chem. 102.

241. **Quantitative Analysis.** Four hours.

Volumetric analysis. Required of all majors in chemistry. PR: Chem. 102.

301. **Organic Chemistry.** Four hours.

A study of the aliphatic hydrocarbons and their derivations. Required for chemistry majors, predental and premedical students. Recommended for students preparing to teach high school science.

302. **Organic Chemistry.** Four hours.

A study of the aromatic hydrocarbons and their derivations. PR: Chem. 301.

402. **Special Problems.** Two-three hours.

PR: Consent of the Instructor.

405. **Physical Chemistry.** Four hours.

PR: Chem. 240-241; Math. 241; Physics 102.

406. **Physical Chemistry.** Four hours.

PR: Chem. 405.

ECONOMICS

Mr. Jaynes, Mr. Cole, Mr. Dunn, Mr. Potesta

101. **American Business and Industry.** Three hours.

A study of the principal American industries with emphasis on their contributions and place in the American economy. A text covering the development of some of the principal industries of America is assigned reading. Each student is given the opportunity of viewing a number of films picturing present day industrial processes. Mr. Dunn.

201. **Economic Principles and Problems.** Three hours.

Fundamental economic concepts with exercises in solving elementary problems. National income and the employment of resources. (This course should be selected by economics and business majors or by non-majors who need at least 6 hours of economics and who will continue with Economics 202). Staff.

202. **Economic Principles and Problems.** Three hours.

Distribution of economic factors of production. Management and control of economic resources. Government finances. International economics. Personal distribution and use of income. Types of economic systems. As in the first semester, those topics will be supplemented with exercises in the solution of elementary problems. PR: Econ. 201. Staff.

302. **Economics of Labor.** Three hours.

Labor economic theory. Wage theory. Labor unions. Union organizations and tactics. Union weapons. Employer weapons and tactics. Strikes. Labor and social legislation. Labor history. Government and labor. Mr. Jaynes.

303. **Money, Credit, and Banking.** Three hours.

An intensive study of money and credit principles with an analysis of their effects upon prices. History of banking. Banking principles and practices. PR: Econ. 201. Mr. Jaynes.

305. **Economic Principles.** Three hours.

This course is planned for those students who possess only a general interest in the field of economics. It deals with basic facts, concepts, and relationships necessary to understand our economy. (This course should be selected by those students who need only 3 hours of economics. If at least 6 hours are needed, the student must select Econ. 201 and 202. This course is NOT a substitute for either of them. This course should not be selected by economics and business majors.) Staff.

307. **Personal Finance.** Three hours.

A study of the problems a consumer must face in his or her day-to-day buying and living. It includes a brief survey of budgets, life insurance, investments, managing personal finances, buying services, and other problems of the consumer. Primarily intended as a general education course for non-majors. Mr. Jaynes.

406. **Guided Economy Study.** One-three hours.

Intensive reading, research, and study in current literature and documents in regard to a selected economic problem or group of problems. The field of study will be one in which the student has a special interest. All work will be done individually and the class will be conducted by conferences with each student. PR: 18 hours of Economics, Business, and Social Science courses. Staff.

407. **Advanced Economic Problems.** Two hours.

A course especially designed for seniors who are to graduate in the year in which the course is taken. Its purpose is to give the student a final review of the basic principles as applied to present day economic problems. Staff.

EDUCATION

Mr. Howard, Mr. Harvey, Miss Marple, Mr. Taylor, Mrs. Willard

100. **Introduction to Education.**

This is primarily an orientation course for college freshmen who are considering the field of teacher education as an area of specialization. It is a prerequisite for Ed. 202. Not open to students who have credit in six hours or more of professional education.

202. **Human Growth and Development.** Three hours.

The aim of this course is to develop an interest in and an understanding of the child as a developing personality. Laboratory and field work are required. PR: Ed. 100.

203. **Human Growth and Development.** Three hours.

This course emphasizes learning as a means of growth and development. Laboratory and field work are required. PR: Ed. 202.

226. **Primary Methods.** Three hours.

This course includes three semester hours of primary methods covering grades 1-3. It is designed to provide for the needs of students preparing for the Third-Class Elementary Certificate and for Curricula B and C certification. PR: Ed. 202, 203.

250. **Observation and Directed Teaching: Third Class Elementary Certificate.** Three hours.

Students teaching must be on two levels; primary, and intermediate or upper grade level. PR: Ed. 202, 203, 226.

306. **Tests and Measurements in the Public Schools.** Two hours.

The purposes of this course are to acquaint the prospective teacher with the principles of measurement and evaluation, and to give definite instruction and practice in test construction and use. PR: Ed. 202, 203.

336. **Intermediate and Upper Grade Methods.** Three hours.

This course is designed for students working toward a First or Second Class Elementary Certificate. It deals with methods in grades four through eight.

341. **Techniques in Diagnostic Reading.** Two hours.

This course is specially designed to teach the fundamental principles of reading in three areas: (A) Developmental, (B) Functional, (C) Recreational.

395. **Survey of Guidance.** Three hours.

Principles of educational, vocational, and personal guidance are examined. Guidance techniques are studied. PR: Ed. 202, 203.

420. **Observation and Directed Teaching: Curriculum B.** Two-six hours.

Student teaching must be on two levels. PR: Ed. 202, 203, 226, 336, and consent of the instructor.

424. **Audio-Visual Aids. II.** Two hours.

Techniques of effective use of graphic materials, unprojected pictures, objects, specimens, models, field journey, projected pictures, and audio aids. Required laboratory work includes operation of sound motion picture projectors, slide film, and opaque projectors, and phono-transcription audio equipment.

425. **Observation and Directed Teaching: Curriculum C.** Six hours.

A minimum of two consecutive hours must be reserved for this course. Observation and student teaching are required on three levels: Primary, intermediate or upper grade (including junior high), and senior high school. Enrollment during two semesters will be required to earn six hours. PR: Ed. 202, 203, 226, 325, 422.

431. **Materials and Methods.** Two hours.

A course in special methods. Chairmen of departments of subject matter fields requiring unique and special methods may offer this course in cooperation with the Department of Education after securing approval. PR: 202, 203, 432.

432. **Principles and Methods of Teaching in the Secondary School.** Four hours.

A survey of the basic principles of learning and of the techniques of teaching in the secondary school. Observation in the public junior and senior high schools is required. PR: Ed. 202, 203, and consent of the instructor.

450. **Observation and Directed Teaching: Curricula A.** Six-seven hours.

Observation and student teaching are required in two areas of concentration or teaching fields. PR: 432.

455. **Philosophy of Education.** Two hours.

An evaluation of the theories and practices involved in the resolution of problems of school education. Students who, because of advanced standing or academic maturity, did not take Ed. 100 will take this course. PR: Ed. 202, 203.

ENGLISH

Mr. Weihe, Miss Tate, Mrs. McCarty, Mr. Opp, Mr. Rhodes
Miss Musick, Mr. House, Miss Copeland, Miss Lough, Mr. Ryals

102. **First Year Written and Spoken English.** Three hours.

College-level training in writing and speaking good English, including a short review of grammar, sentence structure, and punctuation; attention to the organization and development of thought, both in student compositions and in expository reading material; guidance in the use of reference books. Staff.

104. **First Year Written and Spoken English.** Three hours.

A continuation of English 102, with emphasis on reading for implication and critical evaluation; further writing projects, including a research paper. Staff.

English 102 and 104 are prerequisites for all English courses numbered 200 or above.

202. **Study and Appreciation of English Literature.** Three hours.

The formulas of literary criticism applied to selections representing types and forms in this literature from the earliest times to the present. English majors will substitute Eng. 351-352 for this course.
Mr. Weihe, Mrs. McCarty, Staff.

204. **Study and Appreciation of American Literature.** Three hours.

A concentrated study of poetry and prose representing types and forms in this literature. Selections considered are chosen from the Pre-Romantic period to the present. English majors will substitute 361-362 for this course. Mrs. McCarty, Mr. Opp, Miss Tate, Staff.

207. **Backgrounds of Literature.** Three hours.

A survey of literature desirable for children; development of principles of selection and standards of evaluation; wide acquaintance with current books. Miss Tate.

208. **Second Year Written and Spoken English.** Three hours.

Development of ability to communicate in clear, effective, correct English, with emphasis on preparation and delivery of representative types of speech. PR: English 102, 104. Mr. Wallman.

302. **Narrative and Descriptive Writing.** Two hours.

Practice in writing the simpler forms of fiction and personal narrative with descriptive detail.

306. **Advanced Technical Composition.** Three hours.

A course designed to provide practice in the writing of expository articles and reports of a technical nature and largely in the field of engineering. PR: 102, 104. Mr. Rhodes.

311. **Poets of the Romantic Period.** Three hours.

A concentrated study of representative poems of Burns, Wordsworth, Coleridge, Byron, Shelley, and Keats. Mr. Rhodes.

312. **Poets of the Victorian Period.** Three hours.

A concentrated study of representative poems of Tennyson, Browning, Rossetti, Arnold and Swinburne. Mr. Rhodes.

313. **Shakespeare.** Two hours.

A study of representative comedies. Mr. Rhodes.

314. **Shakespeare.** Two hours.

A study of representative tragedies. Mr. Rhodes.

315. **The Essay.** Three hours.

Critical readings in representative English and American essayists. Miss Tate, Mr. Opp.

317. **Word Study** Two hours.

A course in the study of the origins and development of the English vocabulary. Mr. Weihe.

317b. **Word Study—A Continuation of English 317.** Two hours.

Studies in semantics, in synonyms, idioms, foreign phrases, vocabularies of the fields of action. Mr. Weihe.

318. **Modern Drama.** Two hours.

The history of the British drama and the study of modern dramas—Continental, British, and American—from Ibsen to the present time. Miss Tate.

321. **A Study of the English Language.** Three hours.

Word history and analysis; diction; descriptive grammar and constructions; fundamentals of composition. PR: English 102, 104. Required of all prospective teachers of English. Miss Tate.

322. **The Modern Short Story.** Two hours.

A critical study of this art form as a representation of dramatic motivation in human experience, based upon the work of British, Continental, and American authors. Mr. Weihe, Mr. Opp.

324. **The Modern Novel.** Three hours.

An historical and critical study of great British and American novels of the nineteenth century. Mr. Opp.

325. **The Modern Novel.** Three hours.

An historical and critical study of great British and American novels of the twentieth century. Mr. Opp.

328. **The Current Scene in Literature.** Two hours.

A course showing present-day attitudes as reflected in the work of American and foreign writers. Mr. Weihe.

329. **The Current Scene in Literature.** Two hours.

A continuation of the preceding. Mr. Weihe.

330. **The Old Testament as Literature.** Three hours.

A study of the literary types and content of the Old Testament, Formerly Eng. 223. Mr. Rhodes.

331. **The New Testament as Literature.** Three hours.

A study of the literary types and content of the New Testament, Formerly Eng. 224. Mr. Rhodes.

341. **Survey of World Literature.** Three hours.

A study in translation of some of the great writers of the world, exclusive of English and American; from Homer through Dante. PR: English 102, 104. Mr. Weihe.

342. **Survey of World Literature.** Three hours.

A continuation of 341 covering the period from the Renaissance to modern times. PR: English 102, 104. Mr. Weihe.

351. **Survey of English Literature.** Three hours.

A study of the mind and temper of the English people as seen in their literature from Beowulf to the Romantic Movement. Mrs. McCarty, Mr. Opp.

352. **Survey of English Literature.** Three hours.

A continuation of 351 through the nineteenth and early twentieth centuries. Mrs. McCarty, Mr. Opp.

361. **Survey of American Literature.** Three hours.

An historical study of the American mind as expressed in literature from Colonial times to Hawthorne. Mr. Weihe, Miss Tate.

362. **Survey of American Literature.** Three hours.

A continuation of 361 to the literature of present time. Mr. Weihe, Miss Tate.

413. **Expository Writing.** Two hours.

Study and practice of the various kinds of expository writing with special emphasis upon the skilled production of research papers. Mr. Rhodes, Miss Tate, Mr. Weihe.

FRENCH

(See Languages—Modern Foreign)

GEOGRAPHY

Mr. Turner

101. **Principles of Geography** Two hours.

This course is a general introduction to the study of geography. It is intended to acquaint the student with geographical terminology and methods and provide a general treatment of the elements of geography. Staff.

210. **World Regional Geography.** Three hours.

An introductory course in geography with major attention to the principles and concepts of the subject and a detailed study of the geographical regions of the world. Staff.

305. **World Political Geography.** Three hours.

An introduction to the field and methods of political geography and the application of these methods in an analysis of the power relationships of modern states.

GEOLOGY

Mr. Haught

201. **Physical Geology.** Three hours.

This course is given to a description of the composition and structure of the earth and the physical processes bringing about changes of the surface of the earth.

302. **Historical Geology.** Three hours.

The geologic history of the earth and the evolution of animal and plant life as revealed by the rocks.

GERMAN

(See Languages—Modern Foreign)

HEALTH

Staff

102. **Personal Health.** Two hours.

This course consists of a study of the individual health of the student. Mr. Wilson.

241. **First Aid and Safety Education.** Two hours.

Study of immediate, temporary treatment in cases of accident or sudden illness prior to medical aid.

306. **Marital Relations.** Two hours.

Problems of the individual with relation to marriage, personality, parenthood, sex, counseling and the teaching of marital relations. Mr. Wilson.

308. **School Health Problems.** Two hours.

Survey of school programs, school health services and interrelationships. Miss Walters.

404. **Physical Inspection and Care of Athletic Injuries.** Two hours.

Physical inspection and correction of remedial defects, and care of athletic injuries. Mr. Davis.

HISTORY

Mr. Smith, Miss Ayers, Miss Evans, Mr. Turner, Mr. VanBrocklin

111. **Development of Social Institutions.** Three hours.

A survey of the history of man—his governmental, economic, social, religious, intellectual, and esthetic activities in Europe, Asia, Africa, and in the Americas—from the earliest times to the beginning of the modern era. Staff.

112. **Development of Social Institutions.** Three hours.

A survey of the history of man—his governmental, economic, social, religious, intellectual, and esthetic activities in Europe, Asia, Africa, and in the Americas—from the beginning of the modern era to the present time. Staff.

205. **Contemporary Affairs.** Two hours.

A study of contemporary political, economic, social, and intellectual affairs in the United States and their relationship to important developments elsewhere in the world. Staff.

207. The United States to 1865. Three hours.

A survey course in United States history from the Age of Discoveries to the end of the Civil War. Mr. Smith

208. The United States Since 1865. Three hours.

A survey course in United States history from the end of the Civil War to the present time. Mr. Smith.

221. Modern Europe from the Renaissance to the Congress of Vienna. Three hours.

This course offers a survey of the political, social, and cultural developments within the limits indicated by the title. Staff.

222. Modern Europe Since 1815. Three hours.

An integrated study of political, economic, social, and ideological situations and movements which have resulted in the contemporary challenge to world order. Mr. Turner.

302. History of West Virginia. Three hours.

A study of West Virginia from the first settlements to the present time. Mr. Smith.

304. The United States and Latin America. Two or three hours.

A study of the interrelation of the United States with the states of Latin America from the discovery of America to the present. Staff

305. History of Latin America. Two hours.

A survey of the history of Latin America from the Spanish Conquest to 1824. Staff.

306. History of Latin America. Two hours.

A survey of the history of Latin America from 1824 to the present. Staff.

307. England to the Glorious Revolution. Three hours.

A survey of English history from Celtic times to the Glorious Revolution in 1688. Miss Ayers.

308. England Since the Glorious Revolution. Three hours.

A survey of English domestic and imperial history from 1688 to the present. Miss Ayers

312. Diplomatic History of the United States. Two hours.

A study of the foreign relations of the United States and the development of basic American foreign policies from the colonial period to the Spanish-American War. Mr. Smith.

313. Diplomatic History of the United States. Two hours.

A study of the foreign relations of the United States and the development of American foreign policies from the Spanish-American War to the present. Mr. Smith.

315. Colonial America. Two hours.

An intensive study of the American colonies from their beginnings to the end of the Revolutionary War. Staff.

316. **Jeffersonian and Jacksonian Democracy.** Two hours.

A study in the development of political, legal, and economic ideals during the period 1783-1840 with particular emphasis on the Federal Constitution and its elaboration at the hands of the Supreme Court. Staff.

317. **History of the South** Three hours.

A study of the South from Colonial times to the present. Staff.

318. **The Westward Movement.** Three hours.

A study of the American frontier and of its westward migration. Staff.

320. **Economic History of the United States.** Two or three hours.

A survey of the economic development of the United States from the colonial period to the present. Staff.

340. **Europe Since 1870.** Three hours.

A study of the development of the European nations and their participation in world affairs from 1870 to the present time. PR: Hist. 112 or equivalent. Mr. Turner.

360. **History of Western Thought.** Three hours.

A study of the principal thinkers and schools of thought in the development of the western intellectual tradition from Greek and Roman beginnings to the present time. Particular emphasis is placed on the interaction of intellectual movements with the general historical developments of each period. Mr. Turner.

401. **Reconstruction and National Development.** Three hours.

A detailed study of the Reconstruction period and of the national development of the United States during the period 1865-1898. Staff.

402. **Contemporary Europe.** Three hours.

A study of international conflict in the twentieth century, the attempt to establish a basis for world order, and the revolt against European colonialism. PR: Hist. 112 or equivalent. Mr. Turner.

410. **United States Since the First World War.** Two or three hours.

An intensive study of the history of the United States from the First World War to the present with emphasis on the participation of the United States in world affairs. Staff.

421. **History of Russia.** Three hours.

This course briefly traces Russian national development from its origins to the time of Peter the Great; Czarist absolutism during the 18th and 19th centuries is treated in greater detail. About one-half of the class time is given to the study of the communist state and to Russia's contemporary international relationships. Miss Ayers.

422. **History of the Far East.** Three hours.

A brief survey of the cultural development of China, Japan and Korea to 1800, and a more detailed analysis of the impact of the West upon these areas from 1800 to the present. Miss Ayers.

423. **History of Southeast Asia.** Two hours.

A survey of Southeast Asia with primary emphasis on India and Pakistan as a culture center. Major topics include: Western colonialism, movements of nationalism, problems of independence, and international relations. Miss Ayers.

460A. **Guided Historical Study.** One-two hours.

A supervised reading program in the field of American history designed to acquaint the student with the major writings in the field. Staff.

460B. **Guided Historical Study.** One-two hours.

Intensive reading on a topic or problem of European history selected upon consultation with the instructor. PR: Consent of the instructor. Staff.

462. **Methods of Research and Bibliography.** Three hours.

An introduction of the materials and methods of historical research. Staff.

HOME ECONOMICS

Miss Hall, Mrs. Hess

*Courses open to all students

**Courses open to all women

101. **Elementary Clothing. Two hours.

Basic construction processes used in simple garments for sports, school, and street wear. Problems are adapted to previous experience. Miss Hall.

102. **Advanced Clothing Construction. Three hours.

The use of detailed and tailored finishes and problems of fitting and management in the construction of suits and varied types of clothing. Miss Hall.

*103. **Principles of Clothing Selection.** Two hours.

An analysis of family and individual needs in planning the wardrobe and selecting clothing from the standpoint of economy, becomingness, use and maintenance. Miss Hall.

*110. **Elementary Nutrition.** Two hours.

Essentials of an adequate diet; application with particular reference to needs of college student. There will be some laboratory demonstration work in this course. Mrs. Hess.

*201. **Elementary Foods.** Three hours.

Application of recent theories of food preparation and preservation as they affect the nutritive value, flavor, and appearance of food. Foods prepared are incorporated into family meals. Mrs. Hess.

*202. **Advanced Foods.** Three hours.

Continuation of Home Economics 201; meal services with emphasis on planning, preparing and serving family meals, that will teach management of time, energy, and money. Mrs. Hess.

*210. **Textiles.** Three hours.

Development of an understanding of the effect of fiber content, construction, and finish on the quality, serviceability, care, and cost of clothing and household fabrics. Miss Hall.

230. **Handicrafts. Two-three hours.

Practical leisure activities for constructing useful and beautiful objects. Helpful to playground or camp workers. Techniques in weaving on large and small looms, basketry, stenciling, stitchery, etc. Miss Hall.

*232. **Recreational Cookery.** Two hours.

Learning the essential cookery skills; outdoor cookery, brunches, buffet dinners, teas, coffees, with some foreign foods and meals. Mrs. Hess.

301. **Fundamentals of Clothing Construction.** Three hours.

A laboratory course, designed for evening students, emphasizing efficient use of time, money, energy in construction of appropriate clothes for the individual or family. Miss Hall.

302 **Meal Management.** Three hours.

Meal preparation and table service from the viewpoint of economy of time, effort, and money. A variety of meals will be prepared and served—family, buffet, brunch, coffees. Preparation of special foods—teas, parties, and other social functions. This course is designed especially for non-majors. Mrs. Hess.

303. **Nutrition.** Three hours.

The six food nutrients—characteristics and functions in the normal diet of adults and children. Nutritive value of raw and cooked foods. Calculation of dietaries and preparation of exhibits. PR: H. E. 201, 202. Open to non-majors by consent of instructor. Mrs. Hess.

*305. **Nutrition in the Public Schools.** Three hours.

Essential nutrition information for the teacher in the public school. Materials and methods of presenting nutrition facts to children. The federal school lunch program as an integral part of the school program. Recommended for "B" curriculum. Mrs. Hess.

*307. **Family Clothing.** Two hours.

The selection and construction of clothing for various members of the family from the physiological, economic, aesthetic, and psychological standpoint. Special consideration will be given to renovation problems and clothing for children. Miss Hall.

310. **Family Life Education. Two hours.

Study of family experiences and cultural environment influencing personality development. Interaction of family members through all phases of family living. Evolution of the family from institution to companionship family. Mrs. Hess.

*312. **Consumer Education.** Three hours.

To learn the art of selecting consumable goods and the factors affecting the selection—such as labeling, advertising, credit, insurance, and contracts; source material provides consumer information; the consumer movement and legislation for consumers. Mrs. Hess.

315. **Home Management.** Three hours.

A study of the management of family resources; human, financial, material, and mechanical. Practical management problems used. One third time is used for selection, performance, and care of house equipment.
Miss Hall, Mrs. Hess.

*320. **Home Planning and Furnishing.** Four hours.

Designed to help the family use its resources advantageously in the selection of housing. Development of discrimination in the selection and arrangement of furnishings. Opportunities for experience in using color, texture, pattern in practical problems. Miss Hall.

***330. Child Care and Development.** Two hours.

The training of the child from pre-natal period through the preschool period. Habit training and development of the child—physical, social, emotional, and spiritual training—are included. Mrs. Hess.

340. Quantity Cookery. Three hours.

Application and principles of selection and cookery to large quantity preparation. Menu making, food standards, food cost, and food service are stressed. Operations and use of equipment practiced. Laboratory in college food service. PR: H. E. C. 303. Mrs. Hess.

****351. Applied Design.** Two hours.

The development of simple designs, color combinations, and texture combinations in relation to accessories for home and clothing. Articles—table linens, aprons, bags, rugs, etc. Miss Hall.

402. Tailoring (Formerly Advanced Dressmaking). Three hours.

The construction of a dress, suit, and accessories with emphasis on selection of fabric, fitting, and tailored details. Designed for evening students. Consult instructor for prerequisites. Miss Hall.

403. Costume Design. Two hours.

Gives an opportunity for the girl to express creativeness by draping, drafting, and pattern adaptation of garments suitable to her figure. Attention is given to fitting. Prerequisites 101, 102, or consent of instructor. Miss Hall.

406. Home Economics Techniques. Two hours.

Required for teachers. The philosophy and goals of home economics, the organization of teaching materials; experience in techniques of planning, discussion, demonstration, display, evaluation. Miss Hall, Mrs. Hess.

410. Advanced Textiles. Three hours.

Fabric analysis and fabric testing for quality and probable serviceability in relation to use. PR: Home Ec. 210. Miss Hall.

INDUSTRIAL ARTS*

Mr. Johnson, Mr. Fowler, Mr. Leonard, Mr. Wise

103. General Wood Work. Three hours

A beginning course of wood work in which materials, tools, tool processes, fastenings, and construction are studied. Construction work consists of projects embodying typical tool operations and an introduction to power machines. Mr. Fowler, Mr. Johnson.

110. General Shop. Three hours.

This course is designed for those students who have had no industrial education training before coming to this college. Industrial education majors and minors with no previous work in this field should take this course first, also students wishing to discover their interests or aptitudes or to broaden their educational outlook. Mr. Fowler.

113. Mechanical Drawing. Three hours.

This course is planned to include the following topics: Care and use of instruments, lettering, orthographic projections, use of auxiliary projections, tracing and blue printing. Mr. Wise.

120. **Materials of Industrial Arts.** Two hours.

A study of the many materials which are to be used in the technical courses which follow. Emphasis is given to the sources and manufacturing techniques which gives each material its particular qualities. Mr. Johnson.

130. **General Electricity.** Three hours.

A study of electrical theory followed by laboratory practice. Bell circuits, house wiring, flourescent lighting, and wiring, and the repair of household appliances will be studied. The making of a miniature motor will be included in the shop projects. Mr. Wise.

140. **General Drawing.** Three hours.

A study of drawing as the universal language of industry. This course is on the college level for beginners. It includes lettering, orthographic projection, developed surfaces, sectional views, working drawing, and blue printing. Mr. Wise.

200. **General Machine Shop.** Three hours.

A beginning course in the fundamental hand and machine tools, Study will involve care and operation of the lathe, drill press, power hack saw, Do-All, and surface grinder. Material and tool specifications will be introduced. Mr. Leonard.

209. **Machine Drawing.** Two hours.

A course in which the characteristics of metals and machine parts are studied. Typical machine elements such as screw threads, cams, and gears are drawn and blueprinted. Mr. Wise.

214. **General Crafts.** Three hours.

Craft work in plastics, leathers, and metals. A study will be made of plastics and their uses. Leathercrafts will involve designing, tooling, and surface enrichment. Metal craft will be in copper, brass, silver, and stainless steel involving forming, embossing, chasing, planishing, etching and springing. Mr. Fowler.

220. **Sheet Metal.** Two hours.

A beginning course including instruction in laying out surface patterns, making useful articles involving typical stretch outs, joints, wiring, soldering, and riveting. Mr. Fowler.

230. **Electricity.** Two hours.

A study of electrical theory followed by laboratory experiments and practice. Motor and generator circuits, elementary transformer windings, and methods of current control will be studied. PR: 130. Mr. Wise.

242. **Architectural Drawing.** Two-three hours.

A course in the study of houses. It includes architectural lettering and conventions, plans and elevations, and a study of building materials and specifications. PR: 140. Mr. Wise.

300. **Blueprint Reading.** Two hours.

A course in the reading of the prints and drawings most commonly found in industrial operations. Emphasis will be placed on the development of speed and accuracy in the use of working drawings. The use of the slide rule as an aid in all types of problems involving more than simple arithmetic computation common to the building and metal working trades. Mr. Johnson.

303. **Furniture Construction and Design.** Two hours.

Emphasis will be placed upon the study of furniture design and construction. The student will plan completely for projects to be made in 304. PR: 103. Mr. Fowler, Mr. Johnson.

304. **General Cabinet Making.** Three hours.

A continuation of 303. The project will be made in conformity with the drawings and specifications developed in the previous course. Advanced work in the use of machine tools, techniques and processes will be stressed. A high level of craftmanship will be maintained. PR: 103, 303. Mr. Fowler, Mr. Johnson.

308. **Wood Finishing.** Two hours.

A survey course in the materials and methods commonly used in the finishing of furniture and similar articles, and readily applicable to use in High School shop situations. The various types of dyes, stains, shellacs, varnishes, lacquers, and sealers will be used on sample panels. PR: 101. Mr. Johnson.

310. **General Shop.** Three hours.

This is an advanced course in the major areas of industrial arts, permitting those who are planning to teach an opportunity to consolidate their experiences in multiple materials program. Mr. Fowler.

311. **Plastics and Crafts for Elementary Teachers.** One hour. Mr. Fowler.

314. **Plastics and Crafts.** Two hours.

Advanced craft work in plastics, leathers, and metals. A continuation of 214, with emphasis on advanced techniques. PR: 214. Mr. Fowler.

320. **Sheet Metal.** Two hours.

A continuation from Sheet Metal 1. Advanced work will be offered in lay-out problems, joints, and other typical sheet metal situations commonly found in duct work. PR: 220. Mr. Fowler.

322. **General Metals.** Three hours.

This is a course providing a variety of experiences in the metal working field. It will include instructional units in art metal, bench metal, sheet metal, and welding. PR: 200. Mr. Leonard.

325. **Orgnization and Administration of Industrial Arts** Two hours.

A course designed to aid the student as a future teacher of industrial arts. Problems of administration, shop arrangement, care of machinery, ordering of materials and supplies, and techniques of shop instruction will be studied. PR: 12 hours of Industrial Arts courses. Mr. Johnson.

334. **Machine Shop.** Two hours.

This class leads the advanced student into the problems and methods of solving these problems in milling machine operations Gearing problems, equations, gear cutting methods, and the necessary related technical information will form the basis of this course. PR: 200. Mr. Leonard.

335. **Philosophy of Industrial Arts.** Three hours.

This course is designed to give the student a historical background of the industrial arts movement as a basis for developing a philosophy as to the place and function of industrial arts in general education. PR: 325 and 12 hours of Ind. Arts courses. Mr. Johnson

340. **Mechanical Drawing.** Two hours.

Special problems in mechanical drawing. This course is designed to fill the needs of those who wish to study a special phase of drafting such as the use of the interior perspective method, techniques of inking, advanced machine drafting, etc. PR: 140, or 113. Mr. Wise.

342. **Architectural Drawing.** Two-three hours.

A continuation of 242 in which design of houses, building materials, specifications, and cost of construction is studied. Each student will develop a complete set of plans, specifications, and cost estimates for his own house. PR: 140, 242. Mr. Wise.

345. **Acetylene Welding.** Two-three hours.

The care, operation, use, maintenance and methods of welding, and brazing the common metals using the oxy-acetylene welding torch. Mr. Leonard.

346. **Arc Welding.** Two-three hours.

The care, operation, maintenance, methods and safety precautions necessary in the welding of common metals by the use of the arc welder. Welding will be done with AC and DC welding machines, oxy-arc cutting process and the Hiliarc Process dealing with hard-to-weld metals. PR: 134, 322. Mr. Leonard.

350. **Machine Drawing.** Two hours.

Mr. Wise.

360. **School Shop Planning.** Two hours.

Designing plant facilities for the Industrial Arts area of the school program. A study of the placement and the use of the proper type of equipment used in the school shop in relation to the community in which the school is located. PR: 140, 325. Mr. Wise.

362. **General Graphic Arts.** Three hours.

388. **Cabinet Making.** Two hours.

A continuation of 304 with emphasis on the use of advanced techniques in the design and construction of home furniture. PR: 304. Mr. Johnson.

404. **Building Construction.** Four hours.

Actual construction of small buildings and the problems invloved in the erection of the building from the ground up. This course will be off campus in building erection work. Summers only. PR: I.A. 101, 242, 342, or 12 hours of I.A. work. Mr. Johnson.

404A. **Building Construction** Four hours.

A continuation of 404. PR: 404. Mr. Johnson.

405. **Building Construction.** Two hours.

A continuation of 404 with emphasis on interior carpentry and trim work. PR: 404. Mr. Johnson.

405A. **Building Construction.** Two hours.

A continuation of 405. PR: 405. Mr. Johnson.

408. **Cabinet Making.** Two hours.

Further study beyond the work done in 388. Particular attention is given to the use of veneers, inlays, overlays, and other advanced methods of enhancing the finished appearance of projects. PR: 304, 388. Mr. Johnson.

415. **Driver Education.** Two hours.

A course designed to prepare the licensed driver for teaching driver education programs in high schools. A classroom and laboratory program which requires each class member to teach at least one non-driver. Prerequisites: Upperclass status, two years of accident-free driving and Health 241, First Aid and Safety Education. Offered each semester and summer. Mr. Johnson.

420. **Sheet Metal.** Two hours.

A course designed to develop the student in the mastery of more advanced problems in sheet metal layout and forming. Emphasis will be placed on the type of work normally met in the heating and air conditioning industry. PR: 320. Mr. Fowler.

422. **General Metal.** Two hours.

A continuation of 322, with advanced training in metal working and covering the additional areas of forging, foundry and heat treating. PR: 322. Mr. Leonard.

434. **Machine Shop.** Two hours.

A continuation of 334, with advanced training in the operation of the milling machines and the various types of grinders. PR: 200, 334. Mr. Leonard.

442. **Architectural Drawing.** Two hours.

Advanced problems of architectural design, incorporating the classical motifs in the overall scheme of housing and building plans. Shades and shadows, perspective, detailing, and the making of a model will complete the architectural sequences. PR: 242, 342. Mr. Wise.

450. **Machine Drawing.** Two hours.

Industrial illustrating. This course involves a study of machine design, metals, and alloys. Small machine assemblies will be drawn by the exploded view method showing all parts in relation to other parts. This type of drawing is used extensively by industry for assembly purposes. PR: 140, 350. Mr. Wise.

462. **Architectural Drawing.** Two hours.

A class in the study of the Classic Orders of Architecture. Emphasis will be given so as to show the great influence the Architectural Orders have exerted on architectural styles throughout the centuries up to and including the present. PR: 242, 342, 442. Mr. Johnson.

474. **Industrial Maintenance.** Two-three hours.

Care and maintenance of industrial equipment pertaining to the metal working trades, improvement in shop layout and equipment facilities. PR: senior standing and advanced training in the metal areas. Mr. Leonard.

475. **Mill Wrighting.** Two-three hours.

Care and maintenance of equipment commonly found in the woodworking trades, development of shop organizations and layout and equipment facilities. PR: senior standing and advanced training in the wood-working areas. Mr. Fowler, Mr. Johnson.

490. **Methods and Materials of Teaching Industrial Arts.** Two hours.

A course in which the particular problems and techniques of teaching Industrial Arts are dealt with. Emphasis is given to the special methods of handling demonstrations, uses of special teaching aids and other related problems peculiar to the Industrial Arts shop. Pr: 325, 335 and senior standing. Mr. Johnson.

JOURNALISM

Mrs. Lebo

240. **Reporting.** Three hours.

Fundamentals of reporting; gathering, evaluating, and writing news; emphasis on general reporting rather than writing for specialized fields. Valuable as a vocational try-out and for making the student a better newspaper consumer. Open to second semester freshmen and above.

270. **Communications in Society.** Two hours.

A course which reflects the current and important interest in public opinion and propaganda; the influence of old and new forms of communication on the social order; why and how people react to advertising, news publicity, propaganda, and public relations efforts.

271. **The Newspaper and Society.** Three hours.

A study of the development of the newspaper's growth from an organ of a political party to the social instrument of today; present practices and principles of the press; the evolving code of ethics and influence of the newspaper; its competition with radio, television and facsimile.

312. **Publication Problems.** Three hours.

A practical course for teachers who may supervise a school newspaper, yearbook, or handbook; for those who may work on a company newspaper or house organ or in an advertising department; helpful to anyone charged with producing a publication. Problems of staff organization, training, finance, format, type, headlines, etc. will be covered.

340. **Journalism Practice.** Two hours.

An arranged course providing practical experience on the college newspaper, yearbook, local daily newspaper, radio station, plus guided reading in the student's field of major interest; for example, writing for radio, newscasting, magazine article writing, dramatic criticism, newspaper business management, circulation promotion, public relations, advertising. PR: Journ. 240 or consent of instructor.

341. **Journalism Practice.** Two hours.

Continuation of Journ. 340.

LANGUAGE—MODERN FOREIGN

Miss Terry

French

101. **Elementary French.** Three hours.

Pronunciation, early reading for comprehension of easy prose, elements of grammar, oral and written drill and composition. No credit is given for French 101 without 102.

102. **Elementary French.** Three hours.

Continuation of 101. One year of high school French is also considered as a satisfactory prerequisite for this course.

201. **Second Year French.** Three hours.

Reading, grammar and conversation. PR: 101, 102, or two years of high school French.

202. **Second Year French.** Three hours.

Pronunciation, grammar, reading and conversation. PR: 201.

301. **Literature of the Seventeenth Century.** Three hours.

Reading of the plays of Corneille, Racine, and Moliere, with outside reports from other writers. PR: two years of College French or equivalent.

302. **Literature of the Eighteenth Century.** Three hours.

Especial emphasis on the writings of Rousseau and Voltaire with readings of the other writers. PR: Same as for 301.

308. **French Conversation.** Two hours.

309. **Advanced Grammar and Composition.** Two hours.

321. **Contemporary Literature.** Three hours.

421. **Nineteenth Century Literature to 1850.** Three hours.

Emphasis on Hugo, Balzac, Chateaubriand.

422. **Nineteenth Century Literature Since 1850.** Three hours.

A continuation of 421.

431. **French Civilization and Culture.** Three hours.

PR: 12 hours of French, or equivalent.

German

101. **First Year German.** Three hours.

The elements of German grammar; simple reading exercises; pronunciation; written assignments. Offered in 1959-60 and in alternate years. No credit for German 101 without 102.

102. **First Year German.** Three hours.

A continuation of the above course; special topics in grammar and greater emphasis on reading. Offered in 1959-61 and in alternate years. PR: 101 or one unit of high school German.

201. **Intermediate German.** Three hours.

Grammar review; composition; conversation; reading of fiction. The principal aim of the course is the reading of narrative of moderate difficulty. Offered in 1960-61 and in alternate years. PR: German 102 or equivalent.

202. **Intermediate German.** Three hours.

This course continues the work of German 201. Offered in 1960-61 and in alternate years. PR: German 201 or equivalent.

Spanish

101. **Elementary Spanish.** Three hours.

Grammar, pronunciation, composition, conversation, translation. No credit toward graduation is given for Spanish 101 without 102.

102. **Elementary Spanish.** Three hours.

PR: Spanish 101 or one year of high school Spanish.

201. **Modern Spanish.** Three hours.

Rapid reading, grammar and conversation. PR: Spanish 101 and 102 or two years of high school Spanish.

202. **Modern Spanish.** Three hours.

PR: Spanish 201.

LIBRARY SCIENCE

Mrs. Rosier, Miss Elliott

302. **School Library Administration.** Three hours.

A study of organization and administration of the school library, and its place in carrying out the objectives of the school program. PR: 305. Staff.

303. **Cataloging and Classification.** Three hours.

An introduction to principles of cataloging and classifying many types of books used in school libraries. PR: O. A. 101, or its equivalent. Staff.

305. **Selection and Use of Secondary School Library Materials.** Three hours.

This course is designed to aid teachers in the effective use of school libraries as an instrument of instruction. Sources of information about books, other printed material and audio-visual aids, and their use in the secondary school curriculum are studied. Staff.

306. **Reference and Bibliography.** Three hours.

A study of basic reference books, especially those useful in school libraries. Problems in evaluating and using reference books and in bibliography making. Staff.

404. **Practice Work.** Two-three hours.

Individual work based on student's previous experience and related to student teaching when possible. PR: 302, 305; O. A. 101, or its equivalent. Staff.

MATHEMATICS

Mr. LaRue, Miss Musick, Mr. Whoolery

110. **Introduction to College Mathematics.** Three hours.

A survey course covering the preliminary concepts of the different branches of mathematics. PR: Consent of the instructor. Staff.

111. **Intermediate Algebra.** Three hours.

PR: One unit of high school algebra. Staff.

121. **Solid Geometry.** Three hours.

PR: Plane Geometry. Staff.

191. **Elementary Analysis.** Five hours.

An integrated course in elementary college mathematics, including college algebra, trigonometry, and analytical geometry. PR: Math 111 or equivalent. Students who do not present Math 111 or equivalent as a prerequisite may satisfy the requirement by examination if at least one and one-half units credit in algebra have been earned. Mr. Whoolery.

192. **Elementary Analysis.** Five hours.

This is a continuation of Math 191. PR: Math 191. Mr. Whoolery.

221. **College Algebra.** Three hours.

PR: Math. 111, or the equivalent. Students who do not present Math. 111 as a prerequisite may satisfy the requirement by examination if one and one-half units credit in algebra have been earned.

231. **Plane Trigonometry.** Three hours.

PR: Same as for 221. Mr. LaRue.

251. **Analytical Geometry.** Four hours.

PR: Math. 221 and 231. Miss Musick.

310. **Mathematics for Teachers.** Two hours.

This course is designed to meet the mathematics requirements for the certification of elementary teachers. The course will include an intensive review of the fundamental processes involved in the solution of problems in arithmetic. The principles of learning will be stressed through the use of various techniques as applied to number and quantity. PR: Ed. 203 and demonstration by test of satisfactory competence in arithmetic. THIS COURSE CANNOT BE USED AS MATHEMATICS CREDIT TOWARD CERTIFICATION FOR TEACHING MATHEMATICS IN HIGH SCHOOL.

321. **Differential Calculus.** Four hours.

PR: Math. 121, 192, or 251. Mr. LaRue.

331. **Integral Calculus.** Four hours.

PR: Math. 321. Mr. LaRue.

341. **Theory of Equations.** Three hours.

PR: Math. 331.

361. **Higher Algebra.** Three hours.

This course includes determinants, and the theory of integers, real and complex numbers, groups, rings and fields. Miss Musick.

372. **Solid Analytical Geometry.** Three hours.

PR: Math. 321. Mr. LaRue.

381. **Statics.** Three hours.

PR: Physics 210, Math. 321, Corequisite, Math. 331. Mr. LaRue.

391. **Introduction to Analysis.** Three hours.

Course includes: The real number system, functions, limits, sequences, series, differentiation, integration, and some elementary set theory. PR: Math. 331. Mr. LaRue.

393. **Introduction to Foundations of Mathematics** Three hours.
PR: 331. **Mr. LaRue.**

401. **Differential Equations.** Three hours.
PR: Math. 331. **Mr. LaRue.**

411. **Advanced Calculus.** Three hours.
PR: Math. 331. Mr. LaRue.

MUSIC

Mr. Gragson, Mr. Cobb, Mrs. Palmer, Mr. Robinson

103-104. **Organ.** One hour.

One thirty minute lesson per week. The program of study will be fitted to the individual needs of the student. One hour of private practice per day is required. Acceptance of the student will be the prerogative of the instructor. Mrs. Palmer.

105. **Class Piano.** One hour.

This course is designed for all students interested in beginning piano. This course will be conducted as a class with each member being offered opportunity for participation. Mrs. Palmer.

106. **Class Piano.** One hour.

A continuation of 105. PR: 105. Mrs. Palmer.

107-408. **Piano.** One hour.

One thirty minute lesson per week. See further under music 103-104. Mrs. Palmer.

109. **Theory.** Four hours.

This course is designed to acquaint music majors and minors with the techniques of the 18th and 19th century styles of composition. The following elements are included: chord structure and progressions (harmony); application of these principles to the piano (keyboard); correlating the eye and the ear (dictation and sight singing); understanding of phrase structure (form and analysis). Staff.

110. **Theory.** Four hours.

A continuation of 109. PR: 109. Staff.

139. **Class Voice.** One hour

Designed for the beginning voice student. Course consists of a study of the fundamentals of voice production: breathing, resonance articulation and style. In addition, the ability to read at sight will be stressed. Mr. Cobb.

140. **Class Voice.** One hour.

A continuation of Music 139 with additional emphasis upon repertoire for the solo voice. PR: Music 139. Mr. Cobb.

141-142. **Voice.**

Open to students who have sufficient musical background and vocal quality to merit individual instruction. The principles of proper vocal production are stressed with later emphasis upon solo repertoire in English, Italian, German and French. Mr. Cobb.

*169-470. **Band.** One hour.

Open to all students who can play an instrument needed to keep a balanced organization. The program of procedure is designed to present study of band literature and administration through participation. PR: tryout. Mr. Gragson.

*173-474. **College Choir.** One hour.

Open to all students who can sing a part. This course is designed to present a study of choral literature, and administration through participation. PR: tryout. Mr. Cobb.

Individual Instruction in Band and Orchestral Instruments

The following courses numbered 177 through 498 are open to students with sufficient musical background to benefit from individual instruction in the techniques of playing band and orchestral instruments. One, thirty-minute lesson per week. Acceptance of the student will be the prerogative of the instructor.

177-487. **Percussion.** One hour.
Mr. Gragson.

179-480. **Saxophone.** One hour.
Mr. Gragson.

181-482. **Flute.** One hour.
Mr. Gragson.

183-484. **Clarinet.** One hour.
Mr. Gragson.

185-486. **Oboe.** One hour.
Mr. Gragson.

187-488. **Bassoon.** One hour.
Mr. Gragson.

189-490. **Trumpet or Cornet.** One hour.
Mr. Gragson.

191-492. **Baritone Horn.** One hour.
Mr. Gragson.

193-494. **French Horn.** One hour.
Mr. Gragson.

195-496. **Trombone.** One Hour.
Mr. Gragson.

197-498. **Tuba.** One hour.
Mr. Gragson.

205. **Music in Human Relations.** Two hours.

A general music course in appreciation required of all students. Music of composers of the classical, romantic, and modern periods are discussed, and compositions of these composers are heard through the medium of recordings. Staff.

209. **Theory.** Four hours.

Continuation of Music 110. Emphasis is placed on modulation and the choral style of composition. PR: Music 110. Staff.

210. **Theory.**

Continuation of Music 209 with the introduction of the contrapuntal style. Staff.

211. **String Class.** One hour.

This course is open to all students with sufficient background in music. A working knowledge of string instruments is attained through class instruction. Mr. Gragson.

213. **Brass Class.** One hour.

This course is open to all students with sufficient background in music. A working knowledge of brass instruments is attained through class instruction. Mr. Gragson.

215. **Woodwind Class.** One hour.

This course is open to all students with sufficient background in music. A working knowledge of the instruments of the woodwind choir is attained through class instruction. Mr. Gragson.

217. **Percussion Class.** One hour.

Open to all students with sufficient background in music. A working knowledge of percussion instruments is attained through class instruction. Mr. Gragson.

275-476. **Advanced Instrumental Ensemble.** One hour.

Open to advanced instrumental students. Designed to give students an opportunity to participate in small ensembles. Groups meet on a regular weekly rehearsal schedule under faculty direction. PR: Audition. Staff.

277-478. **Advanced Vocal Ensemble.** One hour.

Open to advanced vocal students. Designed to give students experience in small ensemble participation. Groups meet on a regular weekly rehearsal schedule under faculty direction. PR: Audition. Staff.

313. **History.** Three hours.

This course traces music from the early Greek through the Baroque periods, with emphasis on recognition of styles and composers. Mr. Cobb.

314. **History.** Three hours.

A continuation of Music 313 covering the Classical and Romantic periods. PR: Music 313. Mr. Cobb.

320-421. **Techniques of Keyboard Accompanying.** One hour.

A course designed to acquaint advanced students of piano and organ with the techniques involved in playing accompaniments for performing groups and soloists. Regularly scheduled laboratory experiences in playing accompaniments for vocal and instrumental soloists and ensembles will be provided. PR: Permission of instructor. Staff.

331. **Elementary Music, or Music as an Art and a Science.** Three hours.

This course gives the student a background in theory, terminology of music, scale building, rhythm, use of syllables, numbers and letters in music reading, chord construction, and use of the keyboard and autoharp. Two lecture hours and one laboratory hour per week. Required of all elementary teachers.

332. **Music Materials and Procedures.** Three hours.

This course includes materials, methods and procedures for carrying out the music program in the elementary grades one through six. PR: Music 101.

345. **Conducting.** Two hours.

This course is designed to give the student the basic techniques needed for the conducting of school music groups. Baton technique, factors in interpretation, and score reading are emphasized. PR: Ten hours credit in music. Mr. Gragson.

346. **Conducting.** Two hours.

Continuation of 345, emphasizing elementary orchestration and instrumentation. PR: Music 345. Mr. Gragson.

353. **Piano Technology.** Two hours.

A course designed to acquaint the prospective music teacher with the mechanics and proper treatment of grand and upright pianos, and to give a working knowledge of tuning. These principles are applied in laboratory work. PR: Permission of the instructor. Mr. Cobb.

354. **Piano Technology.** Two hours.

A continuation of Music 353. PR: Music 353. Mr. Cobb.

431. **Music Education for Secondary Schools.** Three hours.

This course deals with the techniques and materials involved in teaching and administering music classes and performing organizations in the junior and senior high schools. PR: Music 346.

PHILOSOPHY

Mr. House, Mr. Ward.

200. **Introduction to Philosophy.** Three hours.

A survey of the principal problems arising out of man's attempts to organize his experience and direct his existence.

300. **Logic.** Three hours.

An analysis and exposition of the requirements for justifiable deductive and inductive reasoning. The principles of rational argumentation and inference in scientific method are emphasized.

325. **Ethics.** Three hours.

An historical study of the basis of judging human actions right and wrong, good and bad. The main classical positions are evaluated and the impact of contemporary knowledge upon the central problems of ethics will be discussed.

350. **Comparative Religion.** Two hours.

Description and analysis of the philosophical systems underlying the major non-Christian religions. Attention will be focused upon the historical and psychological development of religious beliefs.

375. **History of Christian Thought.** Two hours.

A survey of the contributions of the more significant thinkers shaping the Christian tradition. The development of some central Christian beliefs will be traced and linked to contemporary viewpoints.

400. **Philosophy of Religion.** Three hours.

A detailed study of man's effort to work out a rationally justifiable religious view of his destiny. Presentation of classical and contemporary problems and solutions is emphasized.

425. **History of Ancient and Medieval Philosophy.** Three hours.

A survey of the progress of philosophy in the West from Classical Greece through the decline of the Medieval systems.

475. **History of Modern Philosophy.** Three hours.

A survey of the progress of philosophy in the West from Descartes to the present.

PHYSICAL EDUCATION

Women's Division—Miss Walters, Mrs. Nuce
Men's Division—Mr. Wilson, Mr. Davis, Mr. Duvall, Mr. Floyd

101. **Freshman Orientation. (W)** One hour.

Introduction to physical education activities. Staff.

111. **Freshman Orientation. (W)** One hour.

Continuation of 101. Staff.

115. **Freshman Orientation. (M)** One hour.

Physical education activities for men. Practice and participation in "Physical Education Activities Night" required. Mr. Duvall.

116. **Freshman Orientation. (M)** One hour.

Physical education activities for men. Practice and participation in "Physical Education Activities Night" required. Mr. Duvall.

117. **Hockey and Soccer.** One hour.

(Women) Miss Walters.

131. **Beginning Swimming.** One hour.

Elementary swimming skills. Miss Walters.

201. **Football.** One hour.

Theory and practice in fundamentals. (M) Mr. Duvall.

202. **Basketball.** One hour.

Theory and practice in fundamentals. (M) Mr. Davis.

203. **Baseball.** One hour.

Theory and practice in fundamentals. (M) Mr. Wilson.

204. **Track.** One hour.

Theory and practice in fundamentals. (M) Mr. Davis.

205. **Golf.** One hour.

Theory and practice in fundamentals. (M) Mr. Wilson.

206. **Tennis.** One hour.

Theory and practice in fundamentals. (M) Mr. Duvall, Miss Walters.

207. **Wrestling.** One hour.
Theory and practice in fundamentals. (M) Mr. Wilson.

208. **Swimming.** One hour.
Theory and practice in fundamentals. (M) Mr. Wilson.

209. **Cross Country.** One hour.
Theory and practice in fundamentals. (M) Mr. Davis.

210. **Soccer.** One hour.
Theory and practice in fundamentals. (M) Mr. Wilson.

214. **Leadership in Graded Games.** Two hours.
Required for Curriculum C. Mrs. Nuce.

217. **Skill Techniques.** One hour.
Team Sports for Women. Miss Walters.

219. **Skill Techniques.** One hour.
Team Sports for Women. Miss Walters.

226. **Techniques of Modern Dance.** One hour.
Mrs. Nuce.

231. **Intermediate Swimming.** One hour.
Intermediate swimming skills. Miss Walters.

237. **Fundamentals of Tennis.** One hour.
Beginning skills in tennis. Miss Walters.

271. **Team Sports.** Two hours.
Specialization in physical education activities (M) Staff.

272. **Individual and Dual Activities.** Two hours.
Specialization in physical education activities. (M) Staff.

*310. **Human Anatomy and Physiology.** Two hours.
Mrs. Quintrell.

*311. **Kinesiology.** Two hours.
A study of movement of the human body. Mrs. Quintrell.

316. **Coaching and Officiating: Hockey and Soccer.** Two hours.
PR: 117. Miss Walters.

317. **Stunts and Tumbling.** One hour.
Miss Walters.

319. **Coaching and Officiating: Softball and LaCrosse.** Two hours.
PR: 219. Miss Walters.

320. **Theory of Coaching Football.** Two hours.
Theory and practice. Various systems and styles of play. Mr. Duvall.

321. **Theory of Coaching Basketball.** Two hours.

Theory and practice. Various systems and styles of play. Mr. Davis.

322. **Theory of Coaching Track.** Two hours.

Theory and practice. Practical experience in officiating; administration of track and field meets. Mr. Davis.

323. **Theory of Coaching Baseball.** Two hours.

Theory and practice. Practical experience in officiating. Mr. Wilson

325. **Folk Dancing.** One hour.

Mrs. Nuce.

326. **Advanced Modern Dance.** One hour.

Mrs. Nuce.

327. **Coaching and Officiating: Volley Ball and Basketball.** Two hours.

PR: 117, 217, 219. Miss Walters.

329. **Officiating Football and Basketball. (M)** Two hours.

Rules; techniques of officiating; and laboratory work. Mr. Duvall.

330. **Advanced Swimming.** Two hours.

PR: 231 or permission of instructor. Miss Walters.

331. **Life Saving and Water Safety.** Two hours.

PR: 330 or permission of instructor. Miss Walters.

337. **Advanced Tennis. (M. & W.)** One hour.

Advanced strokes and participation in tournament play. Mr. Duvall.

351. **History and Principles of Physical Education.** Two hours.

Foundation of physical education. Miss Walters.

361. **Methods in Physical Education.** Two hours.

Open to P. E. majors only. Miss Walters.

365. **Activities Assisting. (M. & W.)** One hour.

Practice and participation in "Physical Education Activities Night" required. Staff.

417. **Advanced Stunts and Tumbling.** One hour.

PR: 317. Miss Walters.

425. **Children's Rhythms. (M. & W.)** One hour.

Mrs. Nuce.

461. **Organization and Administration of Physical Education. (M. & W.)** Two hours.

PR: Two or more courses from 200 to 212. Mr. Wilson.

PHYSICAL SCIENCE

Mrs. Ford, Mr. Haught, Mr. Collins.

The two courses in General Physical Science are organized to provide students a survey of the field of the physical sciences. These courses should not be scheduled by students who plan to include physics and/or chemistry in their programs.

201. **General Physical Science.** Three hours.

A survey of the subjects of mechanics, heat, sound, light and electricity. No credit is allowed if credit in physics is earned.

202. **General Physical Science.** Three hours.

A survey of the elements of chemistry, geology, and astronomy.

PHYSICS

Mrs. Ford

101. **Introduction to Physics.** Four hours.

A course designed for predental, premedical, and teaching curricula. It should not be scheduled by students in engineering or those with a major or minor in physics. A two-hour laboratory period each week supplements the three lecture-recitation periods. Elementary principles of mechanics, sound, and heat are studied in this course.

102. **Introduction to Physics.** Four hours.

A continuation of 101; includes a study of magnetism, electricity, and light.

201. **Demonstrations in Physics.** Two-three hours.

Effective use of everyday materials to illustrate physical phenomena, experience with a variety of lecture equipment, and practice in planning and executing demonstrations describe the nature of this course. It is designed to serve teachers in both the elementary and secondary schools. PR: Consent of the instructor is sufficient, but a course in one of the physical sciences is highly recommended.

210. **General College Physics.** Five hours.

This course is offered primarily for students with majors or minors in physics. Pre- or corequisite: calculus. Not open to students with credit in Phys. 101 or 102. Mechanics, sound and heat.

211. **General College Physics.** Five hours.

Continuation of Phys. 210. Pre- or corequisite: calculus. Magnesium, electricity, and light.

310. **Electricity and Electronics.** Four hours.

This course includes statis electricity, direct and alternating current theory and means of transforming electrical power. The theory of the vacuum tube and electronics is introduced. Four hours laboratory and two hours lecture each week is required.

320. **Mechanics.** (Alternates annually with 420) Three hours.

A course in mechanics applied to the study of particles and objects in space with the general principles of astronomy and the information of rotating systems in the universe. General theories of the universe and experimental facts will be presented in an elementary manner.

321. **Mechanics.** (Alternates annually with 421) Three hours.

A continuation of 320.

340. **Special Problems.** Two-three hours.

Individual studies by advanced students of problems of special interest in the field of physics. PR: Physics 210, 211, or equivalent; Math. 321, 331.

361. **Statistical Physics.** Three hours.

420. **Introduction to Atomic Physics.** Three hours.

(Alternates annually with 320).

This course deals with the study of charged particles, ionization, and conduction of electricity through gases, electromagnetic radiation, and the theory of atomic structure.

421. **Introduction of Atomic Physics.** Three hours.

(Alternates annually with 321). A continuation of 420.

POLITICAL SCIENCE

Mr. Plattenburg, Mr. VanBrocklin

103. **American National Government.** Three hours.

A survey of American government devoted to the consideration of the origins, constitutional basis, and functions of the Federal System. Staff.

203. **Comparative Government.** Three hours.

A survey designed to give a broad general acquaintance with the political institutions and government practices of certain other nations. Mr. Plattenburg.

206. **American State and Local Government.** Two hours.

Investigation of the functions of government as performed on the state and county level. Staff.

303. **Political Parties.** Three hours.

A study of the origins, growth, and development of the American political party. Staff.

304. **American Constitutional Government.** Three hours.

A study of the constitutional development of the American Federal System. Staff.

406. **International Problems.** Three hours.

The foreign policies of the nations and the machinery established and functioning for the peaceful adjustments of international differences. PR: Pol. Sci. 103, or consent. Staff.

PSYCHOLOGY

Mr. Ward

103. **General Psychology.** Three hours.

An elementary introduction to the viewpoint, methods and principles of the science of behavior. Three hours lecture weekly.

250. **Experimental Psychology.** Three hours.

An introduction to procedures of experimental research, including principal topics of investigation, their representative experimental designs and laboratory techniques. Two hours lecture, two hours laboratory weekly. PR: 103.

300. **Principles of Behavior.** Three hours.

A basic course in the experimental analysis of the behavior of organisms. Special emphasis is given to development of systematic behavior theory. Two hours lecture, two hours laboratory weekly. PR: 103.

350. **Statistics.** Three hours.

Elementary statistical description and analysis as employed particularly in the behaviorial sciences. Three hours lecture weekly.

375. **Physiological Psychology.** Three hours.

Discussion of research on physiological mechanisms in behavior. Principal concern will be with central nervous functions. Three hours lecture weekly. PR: 103.

400. **Psychometrics.** Three hours.

General theory of measurement as involved in various areas of psychology such as psychological tests, attitude scales, psychophysics, and quantified behavior theory. Three hours lecture weekly. PR: 350.

425. **Clinical Psychology.** Three hours.

Consideration of theory and evidence dealing with various topics of clinical application such as personality theory, theory of behavior disorders, techniques of diagnosis and therapy. Three hours lecture weekly. PR: 400 or consent.

460. **Seminar.** Three hours.

Discussion of specific research topics as reported in contemporary literature. Each student will complete an individual research project. PR: consent of instructor.

RECREATION

Mr. Davis and Staff

126. **Rhythmic Activities.** One hour.

Includes fundamental rhythms, social mixers, and social dancing. Mrs. Nuce.

226. **Co-Recreational Activities.** Two hours.

Experience in supervising and organizing co-recreational activities. Open to majors and minors. Mrs. Nuce.

241. **Introduction to Recreation.** Two hours.

A general survey of recreation systems, trends, policies, problems, and procedures for students interested in field of recreation. Mr. Davis.

324. **Archery and Badminton.** One hour.

Care and selection of equipment and participation. Mrs. Nuce.

325. **Square Dancing.** One hour.

American squares, guadrilles, and longways dances. Miss Walters.

339. **Bowling.** One hour.

Participation. Miss Walters.

341. **Workshop and Recreation Institutes.** Two hours.

Expert demonstrations, lectures by outside authorities. Mr. Davis, Staff.

344. **Recreational Leadership.** One-three hours.

Organizing and directing group activities. Mr. Wilson.

345. **Practice Leadership—Summer.** Two hours.

Carefully planned observation trip to recreational centers and playgrounds with training periods. Mr. Davis.

346. **Theory of Recreation.** Two hours.

Nature and function, theory and problems, familiarizing students with recreation. Staff.

442. **Camping and Youth Organization.** Two hours.

A study of camping movement, outdoor education, and organizations serving youth. Mr. Davis.

443. **Community and Industrial Recreation.** Three hours.

Organization and supervision of recreation for community and industrial groups. Mr. Davis.

445. **Organization and Administration of Playground and Recreation.** Three hours.

A study concerning the administration and organization of playgrounds and recreation in the community and problems vital to operation. Mr. Davis.

SECRETARIAL STUDIES

Mr. Dunn, Mrs. Pinto

100. **Typewriting for Teachers.*** Two hours.

A course designed for Education majors and those already teaching school. This is a course in the fundamentals of typewriting, preparing typewritten examinations, stenciling, mimeographing and other typing problems of a teacher. No credit by examination. Not open to Secretarial or Business majors, and does not meet the requirement for certification in Commerce. Staff.

101. **Beginning Typewriting.*** Two hours.

A beginning course in the fundamentals of the typewriter. This course includes basic machine operations, development of speed and control, vertical and horizontal centering, simple tabulation, memorandums, personal business letters, announcements, simple manuscripts, rough drafts and proof-readers marks. No credit by examination. Staff.

102. **Advanced Typewriting.** Two hours.

PR: S.S. 101 or one year of high school typing or the equivalent. This course includes the development of speed, control, and sustained typing, business letters, envelopes, tabulated reports, manuscripts, and simple business forms. No credit by examination. Staff.

104. **Secretarial Accounting.** Three hours.

Designed to give the secretarial student the accounting skills that will be actually met in on the job situations. Basic and simplified in approach with life-like experiences gained from "working" for various professional and business men. Emphasis on the cash-record approach and the fundamental bookkeeping equation. Mr. Cole.

201. **Beginning Shorthand.*** Four hours.

A beginning course in Shorthand. Introduction of theory and brief forms of Gregg Simplified Shorthand. Emphasis is on reading and writing of Shorthand. No credit by examination. Mrs. Pinto.

202. **Beginning Shorthand.** Four hours.

PR: S.S. 201 or one year of high school shorthand. Continuation of S.S. 201. Emphasis is on the writing of Shorthand from dictation at a minimum of 80 words per minute. No credit by examination. Mrs. Pinto.

211. **Vocational Typewriting.** Two hours.

PR: 102. An advanced course in typewriting adapted to office procedures. This course includes the typing of telegrams, cards, statistical reports, tabulation, business letters with tabulated data, invoices, requisitions, typing of special reports, legal documents, mimeographing, and sustained typing. No credit by examination. Mrs. Pinto.

251. **Business Correspondence.** Two hours.

PR: S.S. 102, English 102, 104. An analysis of the physical mechanics of the business letter. This course includes the writing of effective business letters in sales, collection letters, letters of application, telegrams, cablegrams, business reports, and post office services. No credit by examination. Mrs. Pinto.

301. **Advanced Shorthand and Transcription.** Four hours.

PR: S.S. 202. Advanced reading and dictation. Emphasis is on writing shorthand at a minimum speed of 100 words per minute. Spelling, punctuation, and sentence structure are stressed. Departmental and vocational dictation and transcription are included. No credit by examination. Mrs. Pinto.

302. **Advanced Shorthand and Transcription.** Four hours.

PR: S.S. 301. A continuation of S.S. 301. Emphasis is on dictation at a minimum of 120 words per minute. A complete review of theory principles and brief forms. Experience in Congressional dictation. No credit by examination. Mrs. Pinto.

311. **Office Machines and Filing.** Two hours.

An orientation and practice course for students in the Business or Secretarial Studies areas. The course includes a study of filing practices and procedures used in modern offices. Approximately two-thirds of the course time is given to practice with representatives calculating, duplicating and transcribing equipment. No credit by examination. Mr. Dunn.

314. **Dictation and Transcription.** Two hours.

PR: Consent of Instructor. A review of dictation with emphasis on timed transcription from own notes. No credit by examination. Mrs. Pinto.

351. **Secretarial Office Practice.** Three hours.

PR: S.S. 211, 302. A practical course with actual experience in office work. A minimum of 6 hours per week in supervised office work is required for credit in the course. Previous work experience cannot fulfill this requirement. Mrs. Pinto.

*Not open to students with high school credit in typing or shorthand. Students with high school credit in these courses will not receive credit for S.S. 100, 101, or 201 by attendance in course.

SOCIOLOGY

Mr. Gray, Mr. Elliott

201. **Fundamental Social Problems.** Three hours.

A general study of the major areas of human relationships. These areas include culture, population, communication, social processes, social control, and representative institutional areas as family, economic, religious, and political activity in which social dislocations are common.

202. **Fundamental Social Problems.** Three hours.

A study of specific areas of human relationships in which social problems frequently arise. PR: Sociology 201.

220. **General Sociology.** Three hours.

The origin, development, structure, and function of culture and society will be studied.

301. **Anthropology.** Three hours.

A study of human biological and social origins, including human prehistory, race, the origin and nature of culture, social organization among preliterate peoples, cultural diffusion, and culture change.

310. **Marriage and The Family.** Three hours.

A study of the background, organization, and functions of the American family. Courtship, marriage, marriage adjustment, parenthood, family disorganization and the effect of social change upon the family will be studied. Open to those with credit in H. Ec. 310 and Hlth. 310 only by special arrangement.

320. **Rural Sociology.** Three hours.

A study of the characteristics of rural society including its culture, social relationships, and institutions. Rural society is studied in comparison with urban society as a part of American Society. PR: Soc. 201 and 202.

330. **Urban Sociology.** Three hours.

A study of the characteristics of urban society including its culture, social relationships and institutions. Urban society is studied in comparison with rural society as a part of the American Society. PR: Soc. 201, 202.

340. **Juvenile Delinquency.** Three hours.

A study of what society defines as delinquent behavior and of the young people designated as delinquents. Emphasis will be placed on the causes of delinquency and on the various techniques and methods of prevention, treatment, and rehabilitation. PR: Soc. 201 and 202.

350. **Sociology of Adolescence.** Three hours.

A study of the cultural and social factors associated with adolescence, considered as a period of transition from childhood to adulthood.

360. **The Field of Social Work.** Three hours.

A study of the history and development of social work with special emphasis upon modern social work agencies and the services which they render. Various types of social work will be considered from the standpoint of the prospective social worker. PR: Soc. 201 nad 202.

403. **Social Psychology.** Three hours.

A study of social structure and social interaction. Techniques of leadership and control will receive special study. PR: Soc. 201 and 202, or Psy. 203 or 204.

420. **Educational Sociology.** Three hours.

A study of cultural organization and cultural processes as applied to the modern day school and community. A course especially designed for teachers in service. Offered during Summer sessions and evening classes.

430. **Community Organization.** Three hours

A study of the structure and function of the various social groupings found in the community. The course is oriented toward the development of community leadership talent. PR: Soc. 201 and 202.

440. **Population Problems.** Three hours.

A study of the social implications of changing birth and death rates; causes of growth and decline of population; relation of population to natural resources; and the influence of population movement upon cultural change and the growth of nationalism. PR: Soc. 201 and 202.

450. **Minority Groups.** Three hours.

A study of racial and cultural minority groups in the United States with special emphasis upon understanding the cause of their persistence and the reason for majority-minority antagonisms. A study of the techniques whereby prejudices are developed and reduced will be made. PR: Soc. 201 and 202.

462. **Introduction to Methods of Research.** Three hours.

It is the purpose of this course to give the student elementary training in the common methods of social science research and the development of bibliographies. PR: Hist. 111 and 112, Soc. 201, 202 and 9 hours of upper level Sociology courses.

490. **Seminar: Special Problems in Sociology.** One to Three hours.

Open only to Juniors and Seniors majoring in Sociology. Reading and research on subjects suited to the student's need. Total hours limited to six. No more than three hours in any one semester.

490. **Seminar: Social Theory.** Three hours.

A study will be made of the development of Social Theory with special emphasis upon Contemporary Theory. PR: Junior standing with 12 hours of Sociology.

SPANISH

(See Languages—Modern Foreign)

SPEECH AND DRAMATICS

Mr. Wallman, Miss Lough, Mr. Rhodes, Mr. Smoker, Mr. Turley.

101. **Fundamentals of Speech.** Two hours.

This course includes the elementary phases of oral language training. Reading aloud, short speechs, enunciation, pronunciation, parliamentary procedures. Required of Speech Majors. Staff.

105. **Voice and Diction.** Two hours.

This course includes a study of drills for developing proper breath support for producing a strong, flexible, resonant voice, with exercises aimed to acquire facility in using a pleasant standard speech; stressing coordination of mind and voice. Articulation and enunciation. Required for Speech Majors. Staff.

120. **Theatre Appreciation.** Two hours.

Open to all students. Study in the appreciation of drama as it occurs in modern life; on stage, in movies, radio and television.

151. **Play Production.** Two hours.

Play production methods for the educational theatre. Stage management, scenery, and staging of plays.

152-452. **Theatre Workshop.** Variable.

Actual laboratory work on the various collegiate dramatic presentations. Scenery design and construction, lighting, properties, costuming, etc. PR: Speech 151 or permission of instructor. Staff.

211. **Public Speaking.** Three hours.

Study and application of principles of practical public speaking. Training in composition and effective delivery of speeches and in skill in thinking and speaking before an audience. Open to all students but primarily for Pre-Professional students. May be substituted for Speech 101. PR: Eng. 104.

243. **Debate.** Two hours.

Theory and practice of argumentation and debate. Should be taken by those students desiring to participate in inter-collegiate debate. Required of Speech Majors.

244. **Intercollegiate Debating.** Variable credit.

245. **Oratory.** Variable credit.

A study of the structure, aims and principles of writing orations and the delivery of them. Miss Lough.

251. **Acting.** Two hours.

Acting in numerous one-act plays

301. **Make-up.** One hour.

A course in the fundamentals of applying stage make-up, including laboratory and practical experience in school production. Designed for students interested in dramatic production.

301L. **Advanced Make-up.** One hour.

Laboratory and practical experience. PR: Speech 301. Mr. Turley.

313. **Interpretation of Shakespeare.** Two hours.

A study of representative Shakespearean comedies. Mr. Rhodes.

314. **Interpretation of Shakespeare.** Two hours.

A study of representative Shakespearean tragedies. Mr. Rhodes.

318. **Modern Drama.** Three hours.

The history of the British drama and the study of modern dramas—British, Continental and American. Miss Tate.

330. **Fundamentals of Radio Speech.** Two hours.

A familiarization course in modern studio practice, use of broadcasting and recording equipment, and preparation of programs, with some work in radio speech and announcing. Mr. Turley.

334. **Radio Production.** Two hours.

Production of and participation in actual broadcasts. A study of the techniques used in programming, continuity writing, music, cues, sound effects, and directing. PR: 2 hours of Speech or permission of Instruction. Mr. Turley.

334L. **Radio Production.** One hour.

Continuation of 334 with extensive studio practice. Mr. Turley.

336. **Play Directing.** One hour.

Selection of plays suitable to high school presentation, interpretation and directing problems. Required of Speech Majors.

336L. **Play Directing (Laboratory.)** One hour.

Direction and presentation of a one act play. Required of Speech Majors. PR: Speech 336.

337. **Effective Speaking.** Two hours.

This course is designed to give students training in the art of preparing and delivering public speeches. Required of Speech Majors. Mr. Wallman.

340. **Business and Professional Speech.** Two hours.

Designed to give students training in the art of preparing and delivering speeches occuring in specific businesses and professions. Night School only. May be substituted for Speech 337 requirement. Mr. Wallman.

345. **Speech Problems of Children.** Three hours.

This course is designed for classroom teachers and parents. It is not to be substituted for Speech Correction (Speech 430). Instruction is given in the normal development of children's speech; in the preventive, diagnostic, and remedial techniques for speech defects; and in the use of the International Phonetic Alphabet.

401. **Extemporaneous Speaking.** One hour.

This course is designed to give students training for intercollegiate competition in this field. Miss Lough.

421. **Poetry Interpretation.** Three hours.

Oral interpretation of poetry with some practice in choric speech. Mr. Rhodes.

430. **Speech Correction.** Three hours.

Study and recognition of speech defects. Exercises for correction and treatment of minor defects. Required of Speech Majors. Miss Lough.

ZOOLOGY

Mr. Davisson, Mrs. Quintrell, Staff

315. **Field Zoology.** Three hours.

Primarily for those who teach or intend to teach biology. This course aims to familiarize students with the animal life of the state and its natural surroundings and includes the collection, identification, and study of habits of the various forms found in this region. PR: Biol. 101-102, or equivalent. Mr. Davisson.

320. **Invertebrate Zoology.** Four hours.

Facts and principals fundamental to an understanding of the invertebrate animals. This course is designed for majors in zoology or biology and premedical students. Mr. Davisson.

321. **Vertebrate Zoology.** Four hours.

A continuation of Zoology 320. Mr. Davisson.

322. **Ornithology.** Two hours.

Field and laboratory studies on the structure, identification, migration, protection, nesting, and food habits of birds. Mr. Davisson.

350. **Comparative Anatomy of Vertebrates.** Four hours.

Organ systems of various vertebrates and facts of interest concerning these animals. Mr. Davisson.

410. **Histological Technique.** One-four hours.

Preparation of animal tissues for microscopic study. Mrs. Quintrell.

411. **Histology.** Two-three hours.

The study of animal tissues. Mrs. Quintrell.

415. **Problems in Zoology.** One-four hours.

This course is designed for students who have a specific problem in the field of Zoology. Open only to students of superior ability who have at least 20 hours credit in the field of biology. Staff.

420. **Vertebrate Embryology.** Four hours.

Introductory study of the development of the vertebrates, dealing chiefly with the frog, chick, and mammal. Mrs. Quintrell.

450. **Human Physiology.** Four hours.

An introductory course dealing with the functions of man.
Mrs. Quintrell.

CAMPUS ACTIVITIES

STUDENT GOVERNMENT ORGANIZATIONS

The Student Government Organization is composed of all students regularly enrolled in Fairmont State College. All of its officers are students and all business is conducted by them. Through this organization student programs and many other activities are undertaken. A student activity fee is collected from all students. This fee covers the cost of student activities and entitles the student to attend all athletic contests, major dramatic productions, and other special programs.

STUDENT COUNCIL

The Student Council is the executive board of the student government organization. It consists of the five student body officers, all class presidents, one member elected by the interfraternity council, one member elected by the honorary and professional organizations, one member elected by the non-fraternity group, and one faculty representative appointed by the President of Fairmont State College.

One of the principal assignments of the Student Council is to meet at the beginning of each semester to determine the allocation of the student activity funds among the various campus activities and organizations. The budgets prepared are then published so that all students may know for what purposes their fees are being used.

STUDENT AND FACULTY SOCIAL CABINET

The Student-Faculty Social Cabinet is composed of representatives of students and faculty under the chairmanship of the Vice President of the Student Council. The campus social program for the school year is arranged through this cabinet.

INTER-FRATERNITY COUNCIL

The Inter-Fraternity Council coordinates the activities of the Men's and Women's Panhellenic Associations.

CLASS ORGANIZATIONS

Organizations are set up for each of the several academic class groups. Each class elects its own officers and carries on such activities as the group concerned desires.

CLUBS AND HONOR SOCIETIES

Fairmont State College students have organized a number of clubs and honorary organizations for the promotion of interest in various subject matter fields, for the recognition of outstanding achievement in various campus activities, and for general social purposes. A list of the currently active organizations of this character follows:

Clubs

Christian Church Students
Debate Club
Fu-Se-Fa (Secretarial)
Future Teachers of America
Home Economics Club
Industrial Arts Club
Masquers Club (Dramatics)
Newman Club
Pi Kappa Phi (Language)
Splashers Club
Wesley Foundation
Women's Recreation Association

Honor Societies

Alpha Alpha Alpha (Business)
Alpha Psi Omega (Dramatics)
Beta Beta Beta (Biology)
Blazers (Senior Womens)
Epsilon Pi Tau (Industrial Arts)
Kappa Gamma (Oratory)
Kappa Delta Pi (Education)
Kappa Pi (Art)
Lambda Alpha Sigma (Letterman)
Lambda Delta Lambda (Physical Science)
Pi Gamma Mu (Social Science)
Pyramid Society (Men's)

SOCIAL ORGANIZATIONS

Fairmont State College students have organized and maintained a number of social fraternities and sororities. These organizations provide a medium for social activities and social training. They are regulated by the Men's and Women's Panhellenic Association, which strive toward high standards of scholarship and leadership among the group and toward developing a good college spirit. These organizations are listed below:

Fraternities	Sororities
Kappa Sigma Kappa (National)	Alpha Delta Chi
Sigma Tau Gamma (National)	Delta Zeta (National)
Tau Beta Iota	Gamma Chi Chi
Tau Kappa Epsilon (National)	Pi Kappa Sigma (National)
	Sigma Sigma Sigma (National)

RELIGIOUS INTERESTS

Fairmont State College maintains a close relationship with the religious organizations of the city. Students are assisted in becoming allied with the church of their choice. The various churches in the city have active groups made up primarily of college students.

There are three religious organizations active on the campus. They are the Christian Church Students, Wesley Foundation and the Newman Club.

PUBLICATIONS

The Columns is the student newspaper published semi-monthly throughout the regular college year with the exception of examination and vacation periods. The Publications Board, representing students and faculty, approves the selection of staff members from a list presented to the Board by the faculty adviser. Consideration is given to those students who have done acceptable work in Journalism or who have had practical experience on publications. **The Columns** is named for the eight stately columns at the front of the Administration Building. It is financed by student fees and advertising.

The Mound is published annually by the students. The administrative officers of the staff are approved by the Publications Board from a list presented to the Board by the faculty adviser. All phases of college life are depicted in the annual, largely by pictures. It was named from an historic spot on a former campus. It is financed by student fees and advertising.

The Student Handbook is compiled annually under the direction of the Student Council. It contains valuable information about Fairmont College and its varied student activities. It is of real service to new students.

View books and other promotion magazines are published at intervals by the college.

Bulletins, both daily and weekly, are posted on the bulletin boards prominently located in each building. These bulletins carry announcements of all student and faculty activities. Material for these bulletins should be left in Room 212-A. Students and faculty members should consult the bulletin boards daily for important announcements.

MUSIC ORGANIZATIONS

The Fairmont State College Band is a uniformed band of approximately fifty members. This organization is open to both men and women. Tryouts are held at various times throughout the year.

The Fairmont State College Choir is one of the popular musical organizations on the campus for men and women. The choir appears at assemblies, on the radio, and gives an annual spring concert. Open to all students with or without credit. Membership may be obtained by consulting the Music Director.

ORATORY

A stimulating and vital program in public speaking and oratory is encouraged both on a curricular and extra-curricular basis at Fairmont State College. Students make frequent appearances before churches and clubs, and speak on radio programs. An annual competition is held for the M. M. Neely Prize. (See contests.)

INTERCOLLEGIATE DEBATING—THE DEBATE CLUB

Fairmont State College provides a very active program in debating. The Debate Club gives interested students training and experience in the art of debating and several teams are organized each year to meet the teams of other colleges of the state, and some of the Fairmont teams have made extensive trips to participate in tournaments and speech festivals. All students are encouraged to participate in this activity, and those participating successfully in contests are awarded the key of the national debate fraternity, Kappa Gamma.

DRAMATICS

Fairmont's dramatic department is known throughout the United States; for here was organized in 1925 a national dramatic fraternity Alpha Psi Omega. Delta Psi Omega, junior college organization, and the Thespians, high school dramatic society, also had their inception at Fairmont State College.

At least two to four major plays are produced each year. Tryouts are open to all students. The Masquers, a dramatic club, is one of the most active groups on the campus, and membership in it is based entirely on dramatic activity of the individual.

Each year a one-act play is sent to the Dramatic Festival of the West Virginia Inter-Collegiate Speech Association held at one of the various Colleges of the state.

ASSEMBLIES AND SPECIAL FEATURE PROGRAMS

A limited number of general assemblies are held each semester. The schedule is flexible insofar as the hour is needed for the meetings. The purpose of the assemblies is to provide programs of an educational or entertainment nature and to celebrate special occasions. The general chairman is a faculty member who acts as expediter of the year's program schedule. These programs, which are free to all students and faculty members, are financed by allotments from the student activity fund.

A cooperative plan is in effect whereby interested students may attend the concerts of the Fairmont Community Concert Association.

CONTESTS

The Frank C. Haymond Constitutional Prize Contest.

In order to encourage a greater interest in and appreciation of the U. S. Constitution, Judge Frank C. Haymond, '06, has established an annual prize of $25. This prize is awarded to any regularly enrolled student who submits the best paper relative to the general theme of "The Constitution." Papers are required to be from two thousand to thirty-five hundred words in length and are due on or before April 15 in each school year. Interested students should apply to the chairman of the Political Science Department.

The M. M. Neely Oration Contest.

For many years the late Senator M. M. Neely offered an award of $100 dollars for excellence in oratory. It is hoped that this contest, open to all regularly enrolled students of the College, may be continued. A faculty committee is in charge of this contest. Interested students should apply to the chairman of the Speech and Dramatics Department.

COLLEGE RADIO PROGRAM

"Campus Highlights," a weekly radio program, is produced by the radio department of Fairmont State College. It has been a regular feature of Station WMMN since 1929. These programs are, for the most part, student productions. All types of radio programs are presented during the regular school year. They provide a means of practical application of techniques studied in the several radio courses offered. Any student at Fairmont State College may audition for radio work. A modern studio is located on the ground floor of the Administration Building.

INTRAMURAL SPORTS

A regular program of intramural sports is sponsored for the benefit of all students. Teams, contests, and various activities are organized for competitive play among the various groups and organizations. The pool is open for intramural and recreational swimming at certain times. Such facilities as the conditioning room are open for individual and group participation. This is under the supervision of staff members who direct the overall program. Individual participation with selected equipment is in the offering for those interested and concerned with their own development, and not with team participation.

The intramural program includes the following activities: speedball, touch football, tennis, volleyball, basketball, relays, softball, horseshoes, outdoor track, badminton, swimming, archery, and foul throwing.

The college realizes that its curricula must be designed to meet the educational needs of the integrated personality of the individual student; this type of intramurals affords such an opportunity.

As the demand for more activities developes, the facilities will be increased and the program broadened.

INTERCOLLEGIATE SPORTS

Fairmont State College sponsors an intercollegiate athletic program in football, basketball, baseball, golf, tennis, soccer, and track. There are unusually fine indoor and outdoor facilities and equipment for physical education and recreation. Every young man in college is free to participate in any one or more of the intercollegiate sports and in all recreational activities. The men making up the different teams are not a pre-selected group.

ATHLETIC POLICY

The program of intercollegiate sports at Fairmont State College is supervised by a director of athletics who also serves as chairman of the Men's Physical Education Department. He is assisted in the planning of the program by an athletic committee of the general faculty, and he is assisted in the coaching by two full-time members of the physical education and recreation departments and by part-time coaches of tennis and golf drawn from other qualified members of the staff.

The general objectives of the intercollegiate sports program at Fairmont State College are to teach young men the values of sportsmanship, good physical conditioning, and the disciplinary and social values of organized team play. Specific values include the training afforded prospective coaches and physical education instructors through participation, and the possible acquisition, to some extent, of experiences and skills which may furnish recreational outlets following graduation.

In pursuance of the policies recommended by the North Central Association, the following minimum standards governing intercollegiate athletics are maintained.

1. The ultimate responsibility for the conduct of the athletic program rests with the President.
2. The members of the coaching staff are regular members of the faculty and have the same professional status, qualifications, salaries, and tenure as other faculty members.
3. Students participating in athletics are admitted by the Director of Admissions on the same basis as other students. Athletes are required to maintain the same academic standards as non-athletes.
4. The award of scholarships, student loans, and student employment to an athlete is made through the same agency of the College and on the same basis, as grants of aid to all other students. All employed students are required to give full and honest work for pay received.
5. All athletic funds are handled by the Business Manager of the College. An audit of the receipts and disbursements of these funds is made annually by the auditors of the West Virginia Tax Commissioner for the benefit of the West Virginia Board of Education and other interested parties.
6. The College does not bring prospective athletes to the campus for tryouts, nor does it pay the expenses involved in college visitations by such persons.
7. An effort is made to compete only with colleges having similar educational and athletic policies.
8. Fairmont State College is a member of the West Virginia Intercollegiate Athletic Conference and athletic participation is regulated and controlled by the eligibility rules of the Conference. Copies of these rules are on file in the Office of the Director of Athletics.

AWARDS

At Recognition Day exercises, held near the close of each college year, awards are granted to students for outstanding achievements in various campus activities. Among these awards are the following.

The American Legion Medals for outstanding scholarship, leadership, service, courage, and honor; athletic letters to those who have met the requirements established by the Athletic Committee; jackets to senior lettermen; block letters to those members of the band who have had five semesters with at least a 3.0 average; a cash award by Zeta Beta Phi, biology honor society, to the outstanding freshman in biology; a cash award by the Fairmont Woman's Club to the freshman submitting the best written assignment of the year; the Edna Earl Lowe Memorial cash award of the American Association of University Women to the most worthy senior girl; the Louise Leonard Memorial cash award to the senior achieving the best record in elementary education; a key by Pi Gamma Mu to the senior among the Social Science majors who has the highest academic average; keys to the Four Outstanding Seniors selected by the faculty and a student committee for their superior academic achievement and campus leadership; certificates to those seniors elected to Who's Who in American Universities and Colleges; plaques to the senior student attaining distinction in college dramatic activities.

At the same time special recognition is given to those freshmen who achieved a quality point average of 3.5, or better, during the first semester of their beginning year. The Blazers, senior women's honor society announces at this time the names of the women of the junior class elected to the organization; and the Pyramid Club, men's honor society, names its new members.

ALUMNI

The Alumni Association of Fairmont State College is the official organization of all graduates and former students of the "old" Fairmont State Normal School, Fairmont State Teachers College, and Fairmont State College.

The history of the Alumni Association goes back almost to the founding of the institution. A meeting was held on Commencement Day, June 27, 1873, at which time the twenty-nine graduates formed the Association.

Events of special interest to Alumni members include the Annual Homecoming celebration held in the fall semester. An Alumni Luncheon and a reception for the graduates, the alumni, and friends of the college are events of Commencement Week. A Fairmont State College open house is held in connection with the annual meeting of the West Virginia Education Association.

Information concerning the Alumni Association may be had by writing to the Alumni Secretary, Fairmont State College, Fairmont, West Virginia.

SPECIAL SERVICES

THE SUMMER SESSION

Fairmont State College offers a twelve-week summer session each summer. This session is made up of two terms of six weeks each.

The requirements for admission and the character of the work offered are the same for the summer session as for the regular year. Credit may be earned in all departments toward the bachlor's degree or toward any of the special certificates authorized by the State of West Virginia. Courses are varied from summer to summer so that students may find suitable work with which they can build up their earned credit toward a degree or certification. For information relative to summer session fees see page 17.

All activities and facilities of the campus are available to students during the summer session. The student body is organized under its own leadership at the beginning of each session. Under their leaders, and certain members of the faculty, a general program of social, recreational, and dramatic events is scheduled.

Fairmont State College always sponsors a number of special features in connection with each summer session. Announcements of such features will be made from time to time by means of press releases, radio announcements and special information sheets.

Special bulletins for the summer session are prepared for distribution. Those interested in working toward any particular teaching certificate or degree, or in renewal of certificates, or in pre-professional courses, or in refresher courses, write for the Summer Bulletin. Address, Registrar, Fairmont State College, Fairmont, W. Va.

EVENING CLASSES

Evening classes are operated for the benefit of teachers and other persons whose employment makes attendance in regular day classes impossible. Classes are ordinarily held on Wednesday evening during the hours from 6:00 to 10:00 although classes may be held at such other times as the group involved and the instructor may agree upon. These classes are considered as work done in residence.

In accordance with regulations of the State Board of Education, teachers under contract are limited to a total of nine semester hours of credit during the period of employment each year with a maximum of five credit hours per semester.

EXTENSION CLASSES

Upon request, and when it is possible to provide suitable staff, Fairmont State College will offer off-campus courses to interested groups in the general area of the state it serves. Ordinarily, an enrollment of ten or more persons is necessary before any extension courses may be offered. The enrollment fee is $7.50 per semester hour.

Extension courses may be taken either for credit or without credit, excepting those courses listed definitely as non-credit courses. Students enrolling in extension courses for credit must satisfy all the requirements for admission to Fairmont State College. The work given for credit in extension courses corresponds, as to class requirements, with that given in similar courses on the campus. The credit, however, is recorded as extension credit, and not more than 28 hours of such credit may be included in any student's 128 hour requirement for graduation.

Individuals or groups desiring information about extension courses should contact the Dean of the College.

TUTORIAL COURSES

Tutorial courses are courses coming under the "to be arranged" heading, that is, the work of the course is carried on through a series of student-instructor conferences. Regulations adopted by the Faculty of Fairmont State College governing the administration of tutorial courses provided. (1) that not more than 6 hours of the 128 hours required for graduation may be earned in courses of this character; (2) that not more than two semester hours of such credit may be earned in any one semester or term; (3) that the only students eligible to take such courses are those with 64 or more hours of earned credit and a scholastic standing of 2.5, or better. The enforcement of these regulations is in the hands of the several student advisers.

VETERANS SERVICES

Fairmont State College stands ready to assist veterans in every possible way. This assistance includes:

1. The maintenance of the Office of Veterans Coordinator for centralizing all matters pertaining to veterans Administration on the one hand and college authorities on the other.

2. Admission, under certain conditions, as special students, of the veterans who have not completed high school.

3. Allowance of a maximum of 4 semester hours of credit in physical education to those veterans presenting evidence of the completing of the basic training courses in the Armed Forces, provided the student has served one year or more.

4. Acceptance of correspondence work done with fully accredited institutions of higher education cooperating with the Armed Forces Institute for the amount of credit allowed by the institution with which the credit was earned.

5. Cooperation with the regular policy of the American Council on Education in determining and allowing credit for training received in offices or special technical schools, or in the Army Specialization and the Navy College Training Programs.

NURSING EDUCATION

For several years the Fairmont General Hospital School of Nursing has maintained an affiliation with Fairmont State College. Presently, first year students of the School of Nursing complete two semesters at the college—a major part of the preclinical program. The subjects studied include biology, English, nutrition, physical science, psychology, and sociology. This curriculum is designed to contribute effectually to the general education of the students and to provide them with a functional knowledge of the basic sciences.

The Fairmont General Hospital School of Nursing is approved by the American College of Surgeons and the American Medical Association. It is also accredited by the West Virginia State Board of Examiners for Registered Nurses and the National League for Nursing.

Graduates of a nurses' training school have the following fields open to them: army and navy nursing; civilian hospital nursing as staff nurses, supervisors, instructors, superintendents, and administrators; veteran nursing; industrial nursing; public health nursing; health relief and rehabilitation at home and abroad; child health and guidance; occupational therapy; anesthesia; clinical laboratory; X-Ray laboratory.

FACULTY FOR 1959-60

Ayers, Phyllis L., (1956), *Assistant Professor of History and Social Sciences; B.S.*, Carnegie; M.A., Ph.D., University of Pittsburgh.

Cobb, A. Willard, (1957), *Instructor in Music;* A.B., Tusculum College; Mus.B., Oberlin College; Mus.M., Oberlin College.

Cole, Robert S., (1956), *Assistant Professor of Business Education;* B.S., Bowling Green College of Commerce, M.A., West Virginia University.

Collins, Edmund E., (1949), *Associate Professor of Physical Science;* A.B. and M.A., West Virginia University; Ed.D., University of Pittsburgh.

Copeland, Margaret E., (1952), *Assistant Professor of English;* A.B. West Virginia University; M.Ed., University of Mississippi.

Creasy, William D., (1954), *Associate Professor of Biology;* B.S., West Virginia Institute of Technology; M.S., West Virginia University, Ph.D., State University of Iowa.

Davis, Paul C., (1949), Chairman of Recreation Department, *Associate Professor of Physical Education and Recreation;* A.B., Glenville State College; M.A., Columbia University.

Davisson, A. Paul, (1947), Chairman of Biology Department; *Associate Professor of Biology;* B.S., University of Kentucky; A.B., Fairmont State College; M.S., West Virginia University.

Dunn, Billy G., (1956), *Assistant Professor of Business Administration;* B.S., Concord College; M.S., University of Kentucky.

Duvall, Harold S., (1952),*Assistant Professor of Physical Education;* A.B., Fairmont State College; M.A., Columbia University.

Elliott, Charles N., (1952), *Associate Professor of Sociology;* B.A., and M.A., University of New Hampshire.

Elliott, Jean A., (1957), *Assistant Librarian;* A.B., Shepherd College; M.S. in Library Science, Syracuse University.

Erb, Jane, (1959), *Instructor in Art;* B.F.A. and M.A., Ohio State University.

Evans, Mary M., (1959), *Instructor in History;* B.A., Antioch College; M.A., Ohio State University.

Floyd, William A., (1959), *Instructor in Physical Education;* B.S., Ohio State University.

Ford, Eleanor M., (1946), Chairman of Physics Department, *Associate Professor of Physics;* B.S. and M.S., West Virginia University.

Fowler, Dwight, (1956), *Assistant Professor of Industrial Arts;* B.S. West Virginia Institute of Technology; M.Ed., Wayne University.

Gibson, Vivian L. (1959), *Dean of Women;* A.B., Woman's College University of North Carolina; M.A., University of Alabama; Graduate Study, Syracuse University.

Gragson, Wesley, (1957), *Assistant Professor of Music;* B.S., Western Kentucky State College; Mus.M., West Virginia University.

Gray, Wayne T., (1951), Chairman of Sociology Department, *Professor of Sociology;* B.S., University of Nebraska; M.A. and Ph.D., University of Wisconsin.

Hall, Eva Gertrude, (1950), Chairman of Home Economics Department, *Associate Professor of Home Economics;* A.B., Fairmont State College, M.A., Columbia University.

Harvey, Clarence, (1959), *Assistant Professor of Education;* B.S. and M.A., West Virginia University.

Haught, Cleo D., (1925), Chairman of Chemistry Department, *Associate Professor of Chemistry;* A.B., West Virginia Wesleyan; M.S., Ohio State University.

Hess, Melva, (1951), *Assistant Professor of Home Economics;* A.B., Fairmont State College, M.S., West Virginia University.

Hough, George B., (1955), *Lecturer in Business;* C.P.A.; B.S., West Virginia University.

House, Clifford R., Jr., (1947), *Associate Professor of Philosophy and English;* A.B., Kentucky Wesleyan College; M.Ed., University of Cincinnati; M.R.E., University of Pittsburgh.

Howard, Boyd D., (1948), Chairman of Education Department, *Professor of Education;* A.B., Union College; Ed.M., University of Cincinnati; Ed.D., University of Cincinnati.

Hunt, George R., (1931), *Dean of the College;* Ph.B., Denison University; M.A., West Virginia University; Ph.D., University of Pittsburgh.

Jaynes, Edgar N., (1947), Chairman of Business Administration and Business Education Department; *Associate Professor of Business Administration;* A.B., West Virginia University; M.B.A., Boston University.

Johnson, Cyril W., (1947), Chairman of Industrial Arts Department, *Associate Professor Industrial Arts;* B.S., Industrial Education, Stout Institute; M.A., Ohio State University.

LaRue, James A., (1954), Chairman of Mathematics Department, *Associate Professor of Mathematics;* A.B. and M.S., West Virginia University.

Lebo, Joanne, (1957), *Instructor in Journalism;* B.S.J., West Virginia University.

Leonard, Loy, W., (1956), *Assistant Professor of Industrial Arts;* A.B., Fairmont State College; M.A., West Virginia University.

Lough, Jo Ann, (1956), *Assistant Professor in Speech and Dramatics;* A.B., Fairmont State College; M.A., West Virginia University.

Marple, Clora, (1954), *Assistant Professor of Education;* A.B., Glenville State College; M.A., West Virginia University.

Martin, Wayne S., (1950), *Director of Student Personnel;* B.S., West Virginia University; M.S. and Ed.D., Oregon State University.

McCarty, Pearl S., (1952), *Professor of English;* A.B., Fairmont State College; M.A., West Virginia University; Ed.D., University of Florida.

Milam, Otis H., Jr., (1953), *Registrar and Director of Admissions;* B.S., West Virginia University; M.A., Marshall College.

Musick, Ruth Ann, (1946), *Associate Professor of Mathematics;* B.S., Missouri State Teachers College; M.S., State University of Iowa; Ph.D., State University of Iowa.

Nuce, Madge McClung, (1958), *Assistant Professor of Physical Education;* B.S., Fairmont State College; M.S., West Virginia University.

Opp, Paul F., (1923), *Associate Professor of English;* A.B., Mount Union College. A.M., Columbia University; Ped.D., University of Toronto.

Palmer, Virginia Holden, (1956), *Instructor in Music;* B.M., West Virginia University.

Pence, John W., (1926), *President;* AB. and A.M., Oberlin College; LL.D., Davis and Elkins College.

Pinto, Gina S., (1956), *Assistant Professor of Business Education;* B.S. and M.A., West Virginia University.

Plattenburg, John W., (1957), *Instructor in Political Science;* B.S. and LL.B., West Virginia University.

Potesta, Woodrow, A., (1948), *Associate Professor of Business Education;* B.S. and LL.B., West Virginia University.

Quintrell, Dorothy E., (1955), *Assistant Professor of Biology,* B.S., Wayne State University; M.S., University of Michigan.

Rhodes, Haddon S., (1931), *Associate Professor of English;* A.B., Fairmont State College; M.A., West Virginia University.

Rhodes, Lillian L., (1951), Chairman of Art Department, *Associate Professor of Art;* B.S., Longwood College; M.A., Columbia University.

Robinson, Jay E., (1959), *Assistant Professor of Music;* B.M., Western Michigan University; M.M.G., Indiana University.

Rosier, Josephine L., (1957), *Librarian;* A.B., West Virginia University; B.S.L.S., Columbia University.

Ryals, Wesley, (1959), *Instructor in English;* B.S., Howard College; M.A.T., Duke University.

Sellers, James M., (1956), *Business Manager.*

Smith, G. Wayne, (1954), *Chairman of History Department, Associate Professor of History;* A.B., Salem College; A.M. and Ph.D., West Virginia University.

Smoker, J. Bradley (1959), *Assistant Professor of Speech;* A.B., Franklin and Marshall; M.A., Syracuse University.

Swiger, Elizabeth Davis, (1956), *Instructor in Chemistry;* B.S. and M.S., West Virginia University.

Tate, Marjorie, (1926), *Associate Professor of English;* B.S., Central Missouri State College; M.A., George Peabody College.

Taylor, J. Martin, (1946), *Professor of Education;* A.B., Fairmont State College; M.A., West Virginia University; Ed.D., University of Colorado.

Terry, Elizabeth, (1941), Chairman of Foreign Language Department, *Associate Professor of Foreign Languages;* A.B., Marietta College, A.M., University of Wisconsin.

Turley, George, (1941), *Dean of Men;* A.B., Fairmont State College, M.A., West Virginia University.

Turner, William P. Jr., (1955), *Assistant Professor of History;* A.B. and M.A., West Virginia University.

VanBrocklin, Ralph M., (1959), *Associate Professor of History;* B.A., University of Hawaii; M.A., Stanford University; Ph.D., University of Michigan.

Wallman, Lawrence A., (1929), Chairman of Speech and Dramatics Department; *Associate Professor of Speech and Dramatics;* A.B. and M.A., West Virginia University.

WALTERS, NELLE E., (1947), Chairman of Women's Physical Education Department, *Associate Professor of Physical Education;* A.B., West Virginia University; M.A., George Peabody College.

WARD, GEORGE, (1953), Chairman of Psychology Department, *Assistant Professor of Psychology;* A.B. and A.M., West Virginia University; A.M., Harvard University.

WEIHE, KENNETH G., (1950), Chairman of English Department, *Professor of English;* B.S., College of Wooster; M.A. and Ph.D., Yale University.

WHOOLERY, KENNETH (1959), *Assistant Professor of Mathematics;* A.B., Fairmont State College; A.M., West Virginia University.

WILLARD, MARGARET S., (1949), *Associate Professor of Education;* A.B., Fairmont State College; A.M., West Virginia University.

WILLIAMS, LOUIS R., (1959), *Associate Professor of Art;* B.S. in Education, Bowling Green State University; M.A., Ohio State University; Graduate Study, Syracuse University.

WILSON, W. R., (1939), Chairman, Department of Physical Education, *Associate Professor Physical Education;* A.B., Fairmont State College; M.A., Columbia University.

WISE, KENNETH G., (1948), *Associate Professor of Industrial Arts;* B.S., Ohio University, M.A., Ohio State.

RETIRED MEMBERS OF FACULTY

JASPER H. COLEBANK, B.A., *Physical Education.*
EVA DAY COMPTON, M.A., *Home Economics.*
FRANK HALL, M.A., *Education.*
MAUD M. HULL, M.A., *Education.*
ETHEL ICE, M.A., *German.*
M. E. MCCARTY, M.A., *Mathematics.*
MARY B. PRICE, *Music Supervisors Diploma, Music.*
MAHALA DORCAS PRICHARD, M.A., *History.*
JEAN E. RICHMOND, M.A., *Home Economics.*
HAROLD F. ROGERS, M.A., *Chemistry.*
FRANCIS SHREVE, Ph.D., *Education.*
HERMAN ARTHUR SHUTTS, M.A., *Mathematics.*
FRANK S. WHITE, Ed.D., *Education.*

ADMINISTRATIVE ASSISTANTS

KATHARYN E. SMITH, A.B., *Assistant Registrar.*
RUTH L. HAWKINS, A.B., *Cashier.*
CHARLENE MILLER, *Director of the Film Service.*
NELL PRICHARD CARSON, A.B., *Assistant to the Librarian.*
PEARL BROWN, *Head Resident at Morrow Hall.*
DORIS N. DAVIS, B.S., *Director of Food Service.*
GEORGIA PETERS, R.N., *College Nurse.*
MAXINE PRUITTE, A.B., *Manager of the Book Store.*
NORETTA JEAN BYRD, *Office of Student Affairs.*
BEULAH COLE, *Administrative Secretary.*
JOANNE YERACE, *Assistant to the Registrar.*

JAYENNE LABORATORY SCHOOL

MICHAEL R. SPEVOCK, M.A., *Principal.*
GERALDINE WILDMAN, M.A., *First Grade.*

Patricia Nixon, A.B., *First and Third Grades.*
Ruth E. Oney, A.B., *Second Grade.*
Olene S. Crouser, A.B., *Third Grade.*
Ruth Wilderman, A.B., *Fourth Grade.*
Helen E. McConnaughy, A.B., *Fifth Grade.*
Jane Meyer, A.B., *Sixth Grade.*

WHITE LABORATORY SCHOOL

Byron Miller, M.A., *Principal.*
Eleanor Michael, *First Grade.*
Doris Lucas Sarver, A.B., *First Grade.*
Katherine Jones, M.A., *Second Grade.*
Helen M. Wise, A.B., *Second Grade.*
Hazel Nuzum, A.B., *Third Grade.*
Ruth Fitch, A.B., *Third and Fourth Grades.*
Ethel Nixon, M.A., *Fourth Grade.*
Roselyn W. Straight, *Fifth Grade.*
Gladys Nunnally, A.B., *Fifth and Sixth Grades.*
Gene Carpenter, A.B., *Sixth Grade.*

FACULTY COMMITTEES

Academic Council
Admissions and Credits
Athletics
Buildings
Commencement
Courtesy
Curriculum Development
Faculty Freshmen Advisers
Faculty Welfare
Grounds
Institutional Studies
Library
Planning
Program
Publicity and Publications
Scholarship and Loan
Special Educational Services
Student Activities
Student Health and Recreation
Test Selection
Travel

FACULTY ADVISERS

ART:

Upperclassmen	Miss Rhodes
Freshmen	Mr. Williams

BIOLOGICAL SCIENCES:

Upperclassmen	Mr. Davisson
Freshmen	Mr. Creasy

BUSINESS AND ECONOMICS:

Upperclassmen	Mr. Jaynes
Freshmen	Mr. Dunn
Teaching	Mr. Cole

CHEMISTRY:

Upperclassmen	Mr. Haught
Freshmen	Mrs. Swiger

EDUCATION, ELEMENTARY:

Upperclassmen	Miss Marple, Mr. Taylor
Freshmen	Miss Marple

ENGLISH:	
Upperclassmen	Mr. Weihe
Freshmen	Miss Tate
Journalism	Mrs. Lebo
HISTORY AND SOCIAL STUDIES*	Mr. Smith and Mr. Turner
HOME ECONOMICS:	
Upperclassmen	Miss Hall
Freshmen	Mrs. Hess
LANGUAGES—FRENCH, GERMAN, SPANISH	Miss Terry
INDUSTRIAL ARTS:	
Upperclassmen	Mr. Johnson
Freshmen	Mr. Leonard, Mr. Fowler, Mr. Wise
LIBRARY SCIENCE	Mrs. Rosier
MATHEMATICS:	
Upperclassmen	Mr. LaRue
Freshmen	Miss Musick
MUSIC:	
Upperclassmen	Mr. Gragson
Freshmen	Mr. Robinson
NURSING EDUCATION	Mrs. Quintrell
PSYCHOLOGY	Mr. George Ward
PHYSICAL EDUCATION:	
(Men): Upperclassmen	Mr. Wilson
Freshmen	Mr. Duvall
(Women): Upperclassmen	Miss Walters
Freshmen	Mrs. Nuce
PHYSICAL SCIENCE (Teaching Fields):	Mr. Haught
PHYSICS	Mrs. Ford
PRE-PROFESSIONAL:	
Dentistry	Mr. Haught
Law	Mr. Smith
Medicine	Mr. Davisson
Nursing Education	Mr. Davisson
Pharmacy	Mr. Haught
RECREATION	Mr. Davis
SECRETARIAL STUDIES	Mrs. Pinto
SOCIOLOGY AND SOCIAL STUDIES*	
Upperclassmen	Mr. Gray
Freshmen	Mr. Elliott

SPEECH AND DRAMATICS:

Upperclassmen	Mr. Wallman
Freshmen	Miss Lough

SPECIAL STUDENTS	Mr. Martin

TERMINAL (Two-Year) CURRICULA:

Accountancy	Mr. Cole
Clerical	Mrs. Pinto
General Education	Mrs. McCarty

UNDECIDED: Miss Ayers, Mr. Collins, Miss Lough, Mrs. McCarty, Mr. Rhodes, Mr. Smith, Miss Tate, Mr. Taylor, Mr. Turner.

*Students who wish to qualify for teaching Social Studies with a major part of their work in the Department of History, Geography, and Political Science will have Mr. Smith and Mr. Turner as advisers; those whose choose sociology and economics will have Mr. Gray and Mr. Elliott as advisers.

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☐ Professional Certificate—Grades 1-12

☐ Professional Certificate—Non-Academic (Grades 1-12 in ☐ Music or ☐ Art) — Check one.

☐ Professional Certificate—Grades 7-12. Select two teaching fields from following:

- ☐ Biological Science
- ☐ Biological and Gen. Science
- ☐ Commerce-Business Prin.
- ☐ Commerce-Occupational
- ☐ English
- ☐ French
- ☐ Home Economics
- ☐ Industrial Arts
- ☐ Mathematics
- ☐ Music
- ☐ Physical
- ☐ Physical Science
- ☐ Physical & General Science
- ☐ Social Science
- ☐ Spanish
- ☐ Speech
- ☐ Undecided

Write a statement descriptive of your purpose in undertaking a college program.

(over)

APPLICATION FOR ADMISSION

FAIRMONT STATE COLLEGE
Fairmont, W. Va.

FAIRMONT STATE COLLEGE
Fairmont, W. Va.

APPLICATION FOR ADMISSION

Applicants for admission to Fairmont State College are requested to fill in this application and return it to the Director of Admissions at least fifteen days prior to the opening of the semester for which they wish to enroll. A transcript of high school credits for incoming Freshmen and a transcript of college work for upperclassmen, should be sent by the institution in which the credit was earned to the Director of Admissions. All correspondence concerning admission should be addressed to: Director of Admissions, Fairmont State College, Fairmont, W. Va.

Recent
Snapshot

Name in Full.. Date..........................
Last First Middle Mo. Day Year

Home Address ....

Date of birth.......................... Place of birth.......................... Race..........................
Mo. Day Year

Name and address of parent or guardian..

Occupation of Father (If deceased, Mother)..

High School attended.......................... Date of graduation..........................

Name of college attended, if any..

Dates of college attendance.......................... Semester hours of credit..........................

Why did you withdraw from that college?..

When do you wish to enroll in Fairmont State College?..

Are you registering under the G.I. Bill of Rights?..

List High School Extra-Curricular Experiences, Including Clubs, Class Officers, Honors, Athletics, Music, Dramatics, Publications, etc.

TYPE (Social, honor, etc.)	PARTICIPATION (Little, average, unusual amt.)	School Year Interested	AWARDS	OFFICES HELD

(over)

Check types of activities you would be interested in continuing at Fairmont State College:

☐ Band ☐ Chorus ☐ Dramatics ☐ Athletics ☐ Other.. (Indicate Type)

In what department of the college do you wish to enroll? This information is essential as advisers are assigned on this basis.

A. TWO-YEAR CURRICULA LEADING TO ASSOCIATE CERTIFICATE IN THE FOLLOWING FIELDS:

☐ Accounting
☐ Secretarial
☐ Clerical
☐ General Education

B. PRE-PROFESSIONAL COURSE:

☐ Pre-Dental
☐ Pre-Social Work
☐ Pre-Law
☐ Pre-Medical Technology
☐ Pre-Medicine
☐ Pre-Nursing

C. BACCALAUREATE DEGREE IN THE FOLLOWING FIELDS: (Check One)

☐ Art
☐ Biology
☐ Business Ad.
☐ Chemistry
☐ English
☐ French
☐ History
☐ Home Economics
☐ Industrial Arts
☐ Mathematics
☐ Music
☐ Philosophy and Psych.
☐ Physical Ed.
☐ Physics
☐ Recreation
☐ Secretarial Studies
☐ Sociology
☐ Spanish
☐ Speech & Dramatics
☐ Undecided

D. BACHELOR OF ARTS IN EDUCATION

☐ Professional Certificate—Grades 1-9

☐ Professional Certificate—Grades 1-12

☐ Professional Certificate—Non-Academic (Grades 1-12 in ☐ Music or ☐ Art) — Check one.

☐ Professional Certificate—Grades 7-12. Select two teaching fields from following:

  ☐ Biological Science
  ☐ Biological and Gen. Science
  ☐ Commerce-Business Prin.
  ☐ Commerce-Occupational
  ☐ English
  ☐ French
  ☐ Home Economics
  ☐ Industrial Arts
  ☐ Mathematics
  ☐ Music
  ☐ Physical
  ☐ Physical Science
  ☐ Physical & General Science
  ☐ Social Science
  ☐ Spanish
  ☐ Speech
  ☐ Undecided

Write a statement descriptive of your purpose in undertaking a college program.

Check types of activities you would be interested in continuing at Fairmont State College:

☐ Band
☐ Chorus
☐ Dramatics
☐ Athletics
☐ Other ________________________ (Indicate Type)

____

In what department of the college do you wish to enroll? This information is essential as advisers are assigned on this basis.

A. TWO-YEAR CURRICULA LEADING TO ASSOCIATE CERTIFICATE IN THE FOLLOWING FIELDS:

☐ Accounting
☐ Secretarial
☐ Clerical
☐ General Education

B. PRE-PROFESSIONAL COURSE:

☐ Pre-Dental
☐ Pre-Social Work
☐ Pre-Law
☐ Pre-Medical Technology
☐ Pre-Medicine
☐ Pre-Nursing

C. BACCALAUREATE DEGREE IN THE FOLLOWING FIELDS: (Check One)

☐ Art
☐ Biology
☐ Business Ad.
☐ Chemistry
☐ English
☐ French
☐ History
☐ Home Economics
☐ Industrial Arts
☐ Mathematics
☐ Music
☐ Philosophy and Psych.
☐ Physical Ed.
☐ Physics
☐ Recreation
☐ Secretarial Studies
☐ Sociology
☐ Spanish
☐ Speech & Dramatics
☐ Undecided

D. BACHELOR OF ARTS IN EDUCATION

☐ Professional Certificate—Grades 1-9

IMPORTANT NOTICES

CORRESPONDENCE: To avoid delay correspondence should be addressed as indicated below:

Admissions

For everything concerned with the admission of students, including requests for the college catalogue and other publications, academic credits, and information about fees, address

The Registrar and Director of Admissions

General College Interest and Development, address

The President

The Faculty, Curricula, Instruction, Summer Session, Evening and Extension Classes, address

The Dean of the College

Guidance and Counseling, Student Employment, and Placement, address

The Director of Student Personnel

Housing for Women, Admission to the Dormitory, etc., address

The Director of Admissions

Housing for Men, Admissions to Veterans' Housing Units, etc., address

The Director of Admissions

Student Accounts, Deferred Payments, and Purchases, address

The Business Manager

Alumni Activities, address

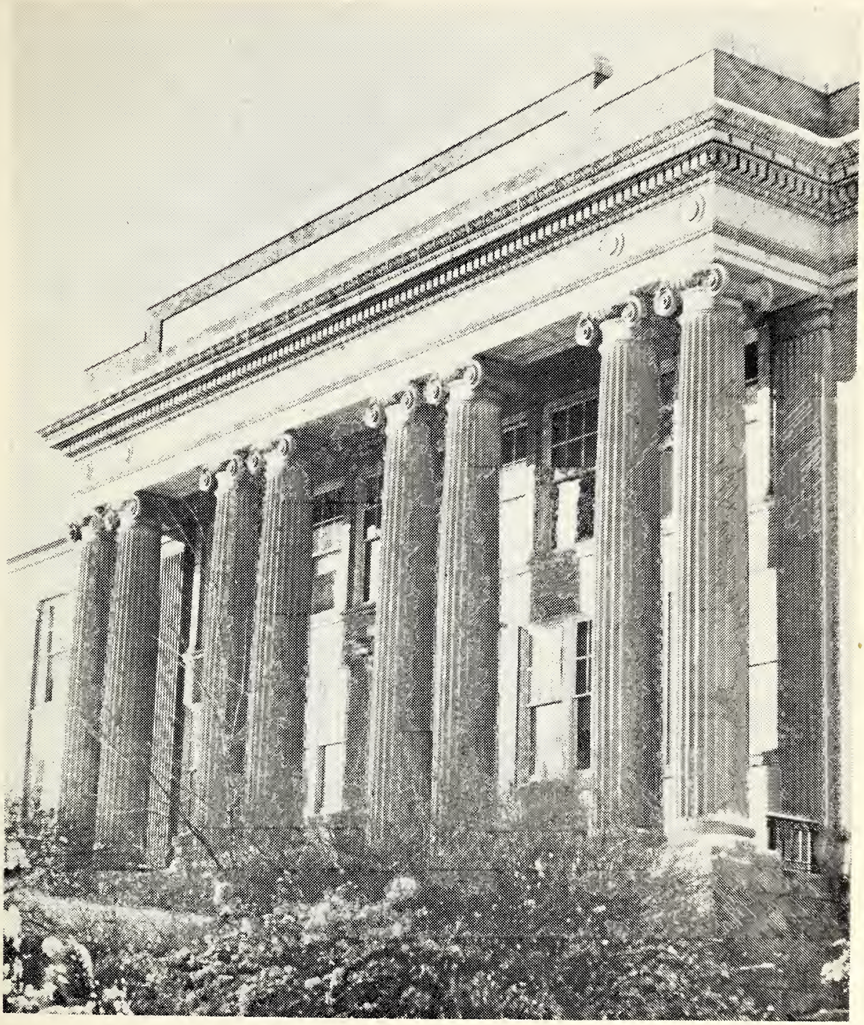
The Alumni Secretary

Veterans' Affairs, address

The Dean of Men

CATALOGUE: Students are urged to secure **and to retain throughout the period of their enrollment** a copy of the annual catalogue for the year in which they entered. Unless changes beyond the control of Fairmont State College occur, or an unusually long period ensues between original enrollment and candidacy for graduation, students will be permitted to graduate under requirements prevailing at the time of entrance.

A Campus Tour of . . .

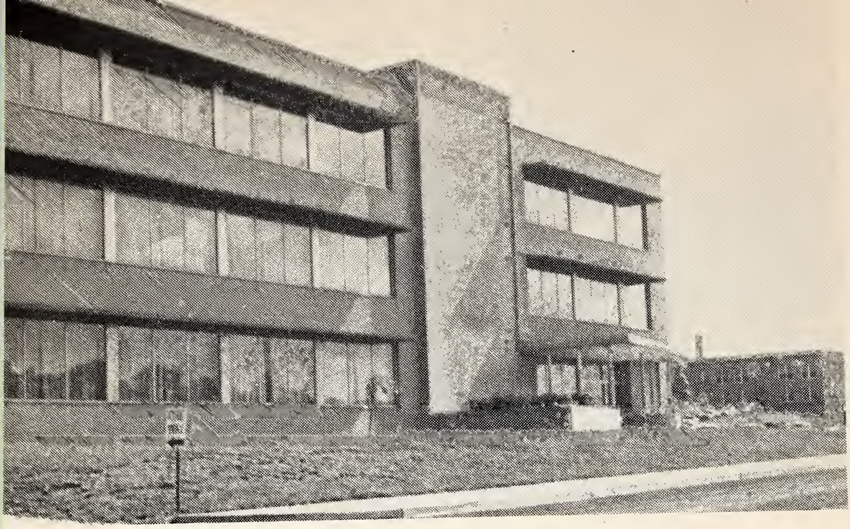


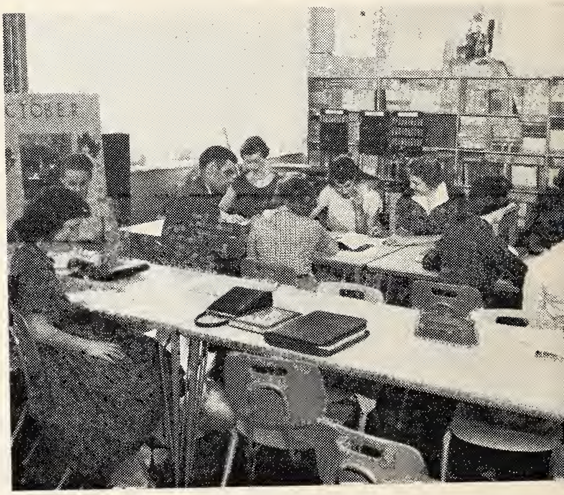
Administration Building

Fairmont State College

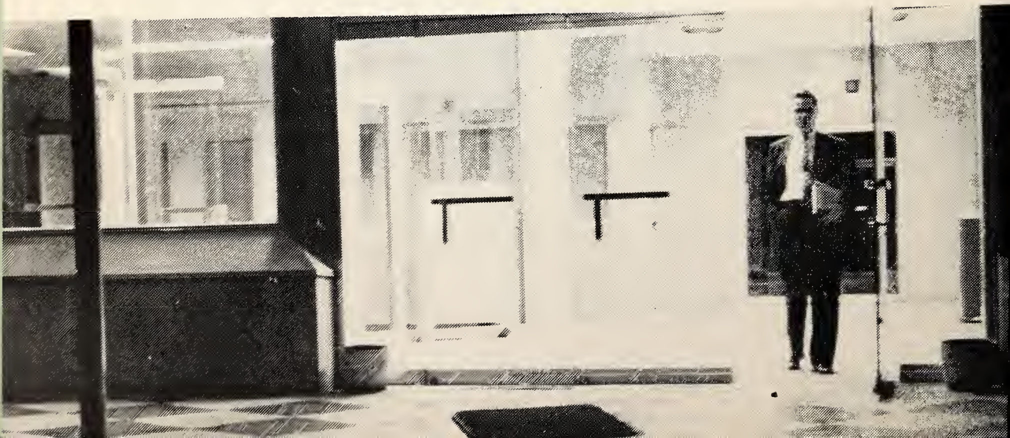
"The Friendly College in a Friendly City . . .

Serving the State"



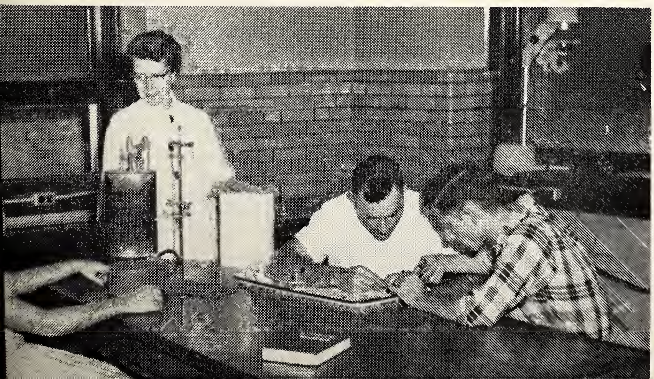


FAIRMONT STATE'S modern white brick library is one of the finest in the state. Maintaining convenient study hours, it serves the college community with books, periodicals, films, records and provides several classroom facilities.

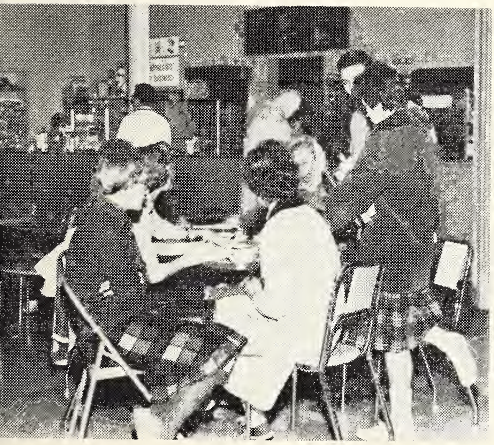


SCIENCE HALL

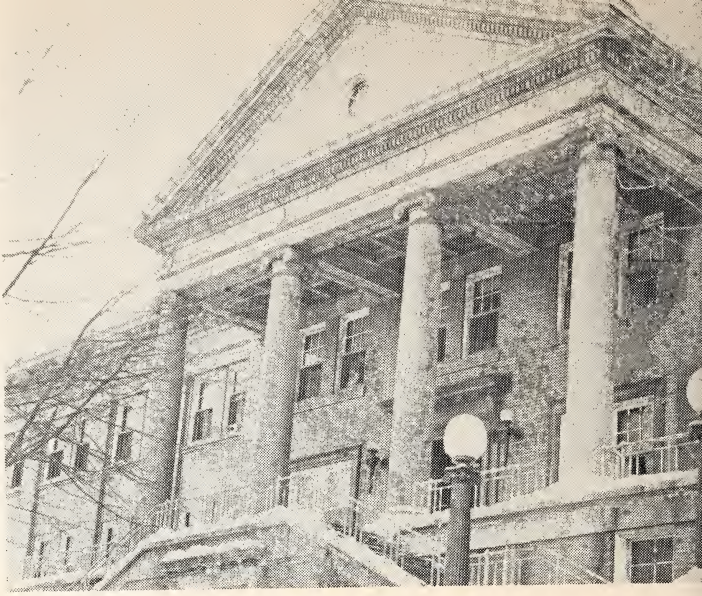
THE STATELY SCIENCE BUILDING provides space for laboratories and lecture rooms for Biology, Chemistry, Physics, Zoology, Home Economics and Business classes.



COLEBANK GYMNASIUM and nearby Rosier Field are the center of campus sports activities. Large and small gym floors are located in the brick structure as well as the regulation swimming pool. Physical education classes for both men and women are conducted in the separate departments.

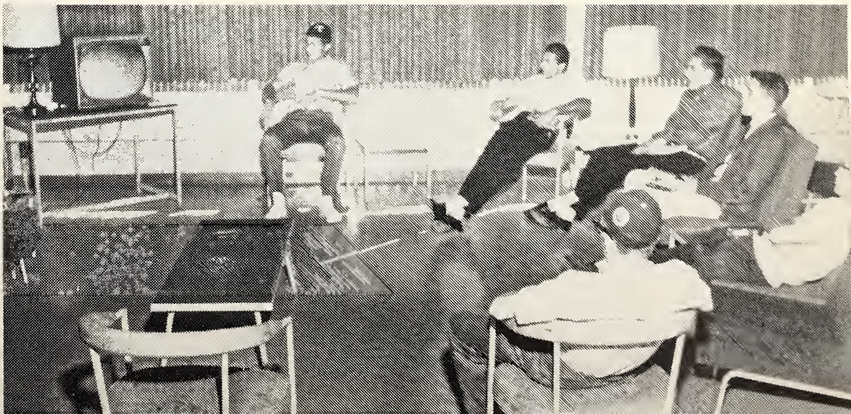


CAMPUS SOCIAL EVENTS are held in the new Student Center, opened in 1959. Snack bar facilities offer light lunches and soft drinks during the day and evening hours. The center also boasts a ballroom, recreation room, conference room, small auditorium and bookstore.



MORROW HALL, Women's Residence at Fairmont State, houses 116 women. Completely remodeled in 1958, two new wings were added to the original center structure. Morrow Hall offers a main social lounge, television and recreation rooms and the newly redecorated College Cafeteria.

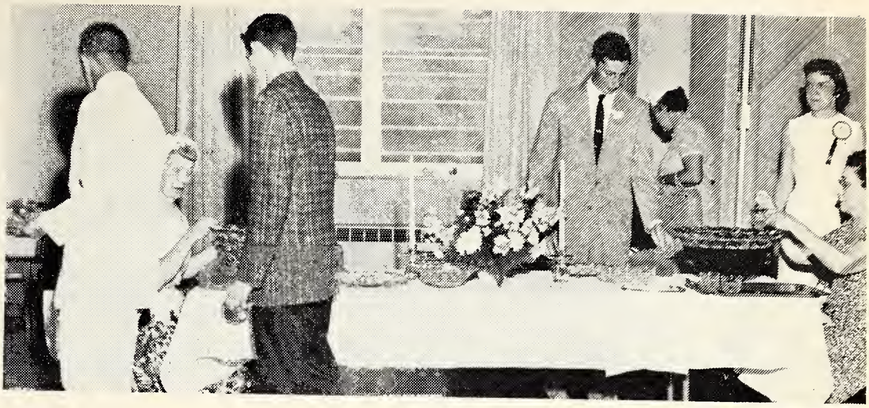
PENCE HALL, Fairmont State Men's Residence, was completed in 1959 and has accommodations for 132 men. The main lounge of the modernistic building overlooks the campus and the City of Fairmont.

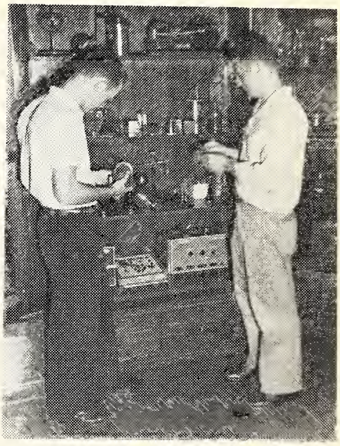


Active Students . .

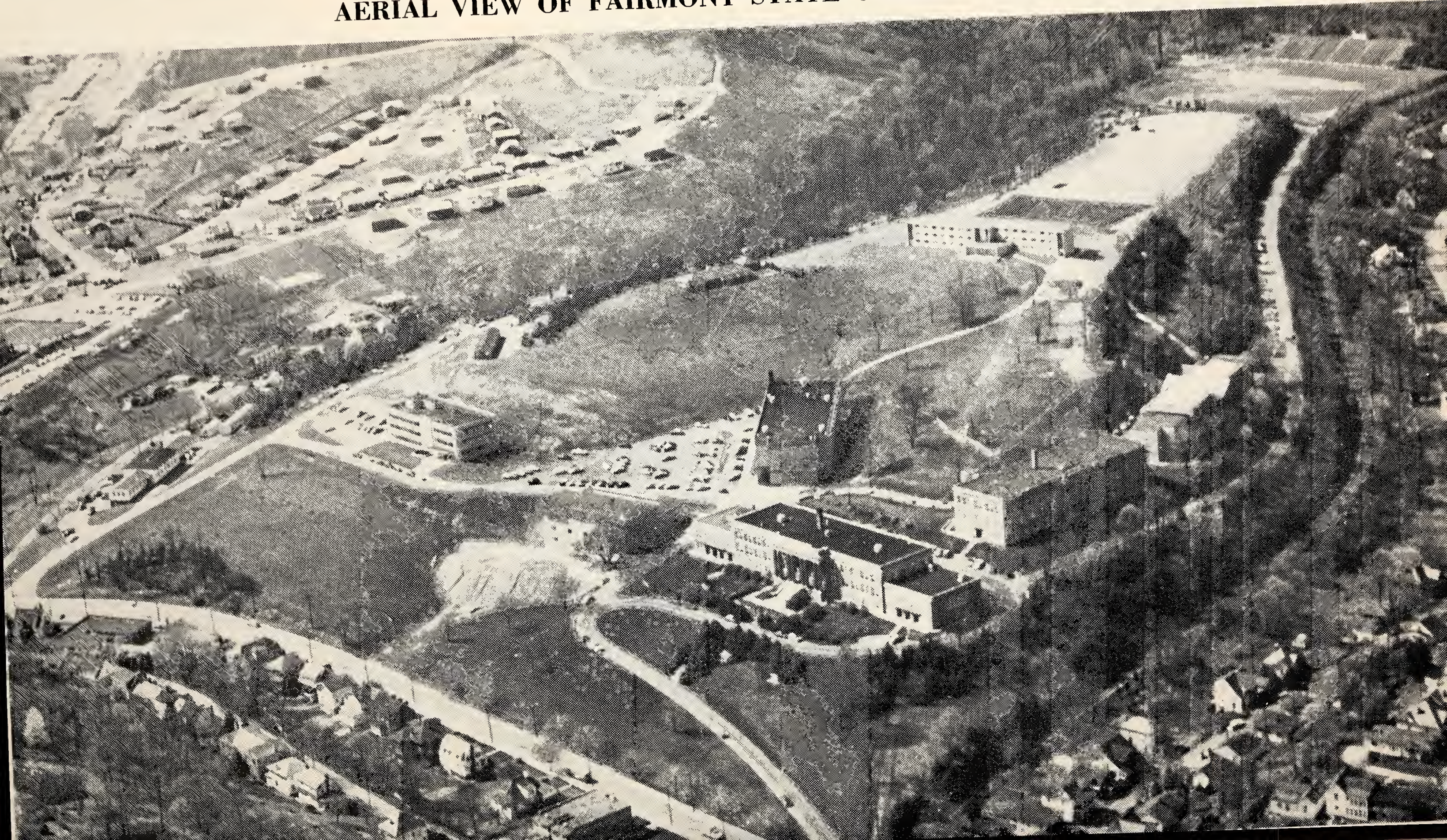
GO FALCONS
BEAT
FALCONS

A Busy Campus . . .





AERIAL VIEW OF FAIRMONT STATE COLLEGE CAMPUS



FAIRMONT
STATE COLLEGE

Volume XCI JANUARY 1, 1961 Number 1

GENERAL CATALOGUE
1961-63

FAIRMONT, WEST VIRGINIA

FAIRMONT COLLEGE LIBRARY

BIGGS-JOHNSTON-WITHROW, BECKLEY

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Application for Admission .... Appendix

FAIRMONT COLLEGE

CALENDAR FOR 1961-62

1961

June 7, Wednesday	Registration for Summer School
June 8, Thursday	First Classes, First Term
June 10, Saturday	Classes in session
June 13, Tuesday	Last Enrollment Day for First Term
July 8, Saturday	Classes in Session
July 14, Friday	Final Classes, First Term
July 17, Monday	Registration for Second Term
July 18, Tuesday	First Classes, Second Term
July 21, Friday	Last Enrollment Day for Second Term
August 25, Friday	Final Class Meeting for Second Term
September 11-15, Monday-Friday	Freshman Orientation Program
September 12, Tuesday, 10 a.m.	Faculty Meeting
September 13, Wednesday 6 p.m.	Registration for Evening Classes
September 14, Thursday	Registration of Freshmen
September 15, Friday	Registration Upperclassmen— Late Reg. Fee after this date
September 18, Monday	First Classes
September 20, Wednesday	Final Registration for Evening Classes
September 22, Friday	Last Day for Enrollment, First Semester No new classes may be added after September 22
November 10, Friday	Mid-Semester Reports Due 4 p.m.
November 21, Tuesday	Thanksgiving Recess Begins at 10 p.m.
November 27, Monday	Classes resume at 8 a.m.
November 27, Monday through December 8, Friday	Pre-registration for Second Semester
December 20, Wednesday	Christmas Recess Begins at 5 p.m.

1962

January 3, Wednesday	Classes Resume at 8 a.m.
January 18, Thursday through January 24, Wednesday	Final Examinations, First Semester
January 29, Monday	Registration for Second Semester
January 30, Tuesday	First Classes Meet
January 31, Wednesday	Registration for evening Classes (Cont'd.)
February 7, Wednesday	Final Registration for Evening Classes
February 9, Friday	Final Enrollment Date, Second Semester No classes may be scheduled after Feb. 9
March 30, Friday	Mid-semester reports due at 4 p.m.
April 2, Monday, through April 6, Friday	Spring Recess
April 9, Monday	Classes Resume, 8 a.m.
April 30, Monday through May 11, Friday	Preregistration for Summer 1962 and First Semester, 1962-63
May 24, Thursday through May 30, Wednesday	Final Examinations, Second Semester
May 31, Thursday	Reception for Graduates and Friends 8 p.m.
June 1, Friday	Commencement Exercises

FAIRMONT STATE COLLEGE

FAIRMONT, WEST VIRGINIA

Established 1867

WEST VIRGINIA BOARD OF EDUCATION

The State Board of Education has complete control over the educational, administrative, and fiscal policies of Fairmont State College. The personnel list of the present board follows:

LACY T. RICE, *President,* Martinsburg	1967
JOSEPH C. JEFFERDS, *Vice-president,* Charleston	1965
RAYMOND BREWSTER, Huntington	1961
S. J. BASKERVILLE, Charleston	1962
MRS. C. R. DAVISSON, Weston	1963
DAVID S. BUTLER, Wheeling	1964
A. H. SPANGLER, Bluefield	1966
PERCE J. ROSS, Buckhannon	1969
CHARLES H. BROWN, Kingwood	1969
R. VIRGIL ROHRBOUGH, *State Superintendent of Free Schools, member ex officio,* Charleston	1961

H. K. BAER, *Secretary and Director of Teacher Training,* Charleston
WILLIAM OSBORNE, *Administrative Assistant,* St. Albans
GEORGE T. WEST, *Supervisor of Buildings, and Maintenance,* Hurricane

FAIRMONT STATE COLLEGE

Administrative Officers of the College

ESTON K. FEASTER, ED.D., *President*
GEORGE R. HUNT, PH.D., *Dean of the College*
GEORGE H. TURLEY, M.A., *Dean of Men, Coordinator of Veterans' Affairs*
VIVIAN L. GIBSON, M.A., *Dean of Women*
WAYNE S. MARTIN, ED.D., *Director of Student Personnel*
OTIS H. MILAM, JR., M.A., *Registrar, Director of Admissions*
JOSEPHINE L. ROSIER, B.S.L.S., *Librarian*
WILFORD R. WILSON, M.A., *Director of Athletics*
HOMER W. COX, B.S., *Business Manager*
HARRY C. FLEMING, M.D., *Director of Student Health Service*
EDGAR L. WILLIAMS, JR., B.S., *Superintendent of Buildings and Grounds*

GENERAL INFORMATION

LOCATION

Fairmont State College is a coeducational institution of higher education located at Fairmont, West Virginia. Fairmont is a city of about 30,000 population, the county seat of Marion County, and the center of the coal industry of northern West Virginia. It is the operating headquarters and home of a number of large coal, utility, and manufacturing concerns. The city offers unusual cultural and economic advantages. It possesses excellent stores, several theatres, and numerous churches of all faiths. Community groups provide excellent outlets for local talent. Student and faculty members of Fairmont State College are encouraged to take an active part in these various community activities.

PURPOSE AND AIMS

Fairmont State College is a four-year, state college whose purpose is to serve its area and the state at large by offering such undergraduate curricula in general and vocational education as the West Virginia Board of Education may approve from time to time.

Under this board directive, Fairmont State College offers curricula for the preparation of elementary and high school teachers and curricula leading to degrees in the liberal arts and sciences. Besides the courses terminating with the granting of degrees, Fairmont State College offers two-year curricula in several areas and two to three years of pre-professional training in a number of fields.

The evening classes and extension programs offered are designed to meet the needs of in-service teachers of the area and to provide local business and professional people opportunities for additional training in their particular fields.

In addition to its formal academic program, the College is interested in participating actively in worthwhile community projects. To that end, it is the policy of the college administration to share with the community the cultural program and physical facilities of the College.

By providing a suitable environment, good equipment, and a well-trained staff, Fairmont State College aims to offer for its students training that should equip them with vocational and personal fitness for life, and to provide the community with a source of information and culture.

HISTORY

Founded as a private teacher training school in 1865, Fairmont became a state supported normal school in 1867. Housed originally in space provided by a local church, Fairmont State College has since occupied sites at the heads of Adams Street and at Second Street and Fairmont Avenue in the block now containing the United States Post Office. In 1917 the College was moved to its present location on Locust Avenue.

Fairmont State College is the oldest existing normal school south of the Mason and Dixon Line, and the earliest recipient of aid from the George Peabody Fund. Operated as a teacher training school with some academic work on the secondary school level, Fairmont's scope was widened in 1908 when teachers were permitted examinations. In 1924 Fairmont granted its first bachelor's degree in education on the basis of the completion of a four year college course. In 1931 the Legislature changed the name of Fairmont State Normal School to Fairmont State Teachers

FAIRMONT COLLEGE LIBRARY

College. The title was again changed by the Legislature in 1943 to FAIRMONT STATE COLLEGE, and authorization was given to offer Bachelor of Arts and Bachelor of Science degrees. As a result of these developments, Fairmont is now authorized and equipped to offer a wider educational service to the people of West Virginia than ever before in its long history.

CAMPUS

The Fairmont State College Campus consists of approximately seventy acres with its principal frontage on Locust Avenue Extension. On a commanding site overlooking much of the city of Fairmont, the college is readily accessible to all students by private car or public transportation.

BUILDINGS AND EQUIPMENT

Fairmont State College possesses an unusually modern and well-equipped physical plant.

The Administration Building is the oldest and largest building on the campus. In addition to the administrative offices, it houses numerous classrooms, and other facilities. Centered by its famous "columns," the Administration Building presents an impressive frontage to Locust Avenue, one of Fairmont's busiest throughfares.

An auditorium with a seating capacity of 500 persons is located in one wing of the Administration Building. Here dramatic productions, concerts, assemblies, and other important campus activities are carried on.

The Library Building is a three story structure of steel, concrete, glass and brick. Functional rather than monumental in design, it emphasizes accessibility of books, attractive informal appearance, good lighting, acoustical treatment and mechanical ventilation. In addition to the usual library facilities and services, there is a typing room for use of students, a number of individual study desks and carrels, music listening facilities, an art materials room, two seminar rooms and a moving picture screening room.

At the present time there are approximately 42,000 volumes, exclusive of government documents for which the Library is an approved depository. The Library receives many daily newspapers and more than 260 periodicals. It also operates a film rental service for the benefit of the several departments and campus organizations. The Library maintains a collection of over 400 albums of records for faculty and student use.

Science Hall is a large, light-brick building housing the departments of Mathematics, Natural and Biological Science, Home Economics, and Business Administration.

Colebank Gymnasium is one of the newer campus buildings. It contains two gymnasiums, one for men and one for women. It also contains a fine swimming pool, classrooms, lockers, showers, equipment, and officer rooms. It is constantly in use for the various activities of the Physical Education Department and for the campus generally.

Morrow Hall is a three story, light-brick building, built as a women's dormitory. Recently this building has been enlarged by constructing a new wing at each end of the older structure. The modernized structure will now accommodate 116 women. Included in the building also are four efficiency apartments and the College Cafeteria.

Pence Hall, a Men's Dormitory is a new three story, light brick building, located on a commanding site above the main campus. The building has accommodations for 132 men, and a resident manager. A handsome and commodious lounge area is included. Meals are not served in this building, but in the College Cafeteria.

The College Cafeteria is located on the ground floor of Morrow Hall. This area has just been thoroughly renovated and modernized. Service capacity has been doubled. A convenient lounge area for men and women has been provided.

The Industrial Arts Building is a single story-frame building with full basement. It is 195 feet long and contains a central section 75'x40', and two wings, each 60'x25'. The building is so constructed that it can be brick veneered to match the rest of the campus units. It is well designed to provide the necessary space for an integrated course in all phases of industrial arts work. A smaller unit of the quonset hut type is available, in an adjoining location, for additional offerings in the Industrial Arts field.

The Music Practice Studio, situated to the rear of Colebank Gymnasium, provides studios and practice rooms for the Music Department.

The Field House, situated on Rosier Field, is equipped with dressing rooms, lockers, and showers for visiting and local football and baseball teams.

Rosier Field, situated at the upper end of the campus, is one of the beauty spots of Fairmont. Space is provided for a large football field, practice fields, baseball diamond and parking space. A concrete stadium capable of seating 5,500 spectators is provided. Nearby are 6 tennis courts.

The President's Home is a ranch-type structure of brick construction, situated on a knoll overlooking the main campus.

Campus Apartments, situated in nine barracks type buildings, are available on the campus for rental to married students. These units are conveniently located with regard to classrooms, the student union, library, and gymnasium. Accommodations are currently available for 32 married men.

Student Union Building, a light-brick building, situated centrally on the campus, contains the snack bar, the College Bookstore, a large ballroom, and other social and operating facilities. This building is the center for all student activities on the campus.

FAIRMONT COLLEGE LIBRARY

ACADEMIC INFORMATION

ACCREDITING

Fairmont State College is fully accredited by the North Central Association of Colleges and Secondary Schools and the National Council for Accreditation of Teacher Education. The College also holds membership in the American Association of Colleges for Teacher Education, the Association of American Colleges, the American Council on Education, the National Commission on Accrediting, and the American Association of University Women. These affiliations guarantee to Fairmont State College graduates and students full recognition of their earned credits in other colleges and universities.

DEGREES

The degrees granted by Fairmont State College are Bachelor of Science, Bachelor of Arts, and Bachelor of Arts in Education. For each degree 128 semester hours of credit are required. The number of quality points required for a degree is not less than 256, but may be more, for each student must average two points for each semester hour attempted. This is to say that the quality point average is computed by using all courses entered on the student's permanent record card. No student shall be awarded more than one baccalaureate degree.

ADMISSION

The following regulations apply to the admission of West Virginia residents for the school year 1961-62:

(1) Graduates of approved secondary schools who rank in upper ¾ of graduating class will be admitted without question unless convincing evidence of serious health or character defect is received.

(2) Graduates of approved secondary schools who graduate in the **lower quarter** of the graduating class will be admitted if they have attained a converted total score of 282 or above on the Cooperative School and College Ability Test (SCAT) Form 2A administered during the High School Junior Testing Program. If the student is in the **lower quarter** of his graduating class and his score is below 282 converted total SCAT Form 2A or if the applicant was unable to take the High School Junior Test, he will he required to take SCAT Form 1A or 1B and attain a total score of 282 or above, unless convincing evidence of serious health or character defect is received. All State Colleges will administer SCAT Form 1A or 1B on two dates—one in late May, the other by the middle of August; the results of the tests at each college to be distributed to all other State Colleges.

(3) Non-high school graduates (veterans and persons over the age of 21) will be admitted if on the General Education Development test an applicant attains a standard score of 40 on each of the five parts or a standard score of 50 as an average on all the tests, unless convincing evidence of serious health or character defect is received.

Students who have completed six semesters—at least 12 units of the college preparatory curriculum—with a "B" or better average may be accepted for advanced or provisional admission. The final admission to college will not be granted until after graduation from high school and the submission of the official high school record. This arrangement makes it possible for the advanced assignment of dormitory rooms and gives the student priority for admission.

Admission standards for out-of-state students are considerably higher than for West Virginia residents. These standards are changing rapidly and such students should write the Registrar and Director of Admissions for current information.

Admission to Fairmont State College may be obtained: (a) by certificate of graduation and credit properly certified from an accredited high school, (b) by properly certified transcript of credit and statement of good standing from a standard college or university, and (c) by examination. See item #3.

Admission of High School Graduates: An applicant for admission by high school certificate should file with the Registrar and Director of Admissions an official statement of his credits, signed by the proper official of the school from which he comes. This certificate should come directly from the principal of the secondary school to the College. The Registrar and Director of Admissions will notify the applicant as to his eligibility.

West Virginia residents who plan to enroll for the school year 1962-63 should be aware that the following pattern of high school units must be presented for admission effective June 1, 1962.

Seventeen units are required of which twelve are prescribed and two recommended for college admission. They are:

4 units English—Basic English with no substitution
2 units Foreign Language in one language (recommended)
(Gen. Sci., Chemisty, Physics, etc.)
2 units Mathematics—one of which must be Algebra
3 units Social Studies—one of which must be American History
1 unit Health and Physical Education—may be waived by school on written recommendation from a physician
2 units Foreign Language in one language (recommended)

Transfer Students: Any applicant for admission to Fairmont State College who has attended another institution of collegiate rank will be classified as a **transfer student,** whether he has earned credit or not. To be admitted as a transfer student, one must meet the entrance requirements of this college and present evidence that he is in good standing in every respect at the institution last attended. Students who have been dismissed for academic or social reasons will not be eligible for admission. Students whose scholarship average is below C (2.0) in previous college work may be admitted on probation if such an admission seems warranted. In no case shall a student be admitted whose record is such that he would have been dropped at Fairmont State College.

Transfer credits are posted on the permanent record as received. All grades received by a transfer student in the college or colleges which he has previously attended must be included in the calculation of his quality point average even though some of the grades do not represent courses for which credit can be granted. **Grades earned in other institutions shall not be used to make up a deficit of quality points in this institution except as provided by Board order.**

To be official, a transcript must come direct from the institution issuing it and must bear the official seal of the institution, and the manual signature of the proper authority. The transcript should show the descriptive title of the courses, the year in which the work was done, the number of credits, and the grades. A transcript, when accepted, becomes the permanent property of the college and will not be returned to the student. Such transcripts should be sent at least thirty days prior to the opening of the semester or term.

No credit of collegiate grade will be allowed for work done in the former normal training schools, except as authorized by the West Virginia State Board

FAIRMONT COLLEGE

of Education. By the action of the board five-eighths college credit may be allowed for such work up to a maximum of 20 hours, provided credit was earned after graduation from high school.

Exception to the regulations on admission:

A mature student who is 21 years old, or older, may enter Fairmont State College as a special student when he is deficient in entrance requirements, but he must meet these requirements before he can be granted a degree or be recommended for a teacher's certificate.

PREREGISTRATION

The situation arising from the pressure of increased enrollment and the adoption of a policy of selective admission makes changes in the registration procedure necessary. All students who will enroll at Fairmont State College in September, 1961, are urged to complete the pre-registration process set up by the college. For freshmen and transfer students this means that they should come to the Fairmont campus on one of the dates designated in the summer of 1961 to take a series of tests to be used not only as a part of the admission requirement, but also for placement and counseling services. An exception may be made for those students who live at such a distance from Fairmont as to make a special trip to the college an undue hardship, provided that permission is obtained from the Director of Admissions at least 30 days prior to the opening of the semester to waive the examination until a later date. It should be understood, however, that those students taking the tests on the designated dates will be given priority in making schedules and that those students deferring the taking of tests to a later date will find it difficult, if not impossible, to obtain a satisfactory schedule. Consequently all students are advised to take the tests on one of the designated dates, viz., June 6, July 5, August 9, and 23.

A pre-registration period for students enrolled in Fairmont State College is regularly scheduled for each semester and is listed in the official college calendar. The purpose of pre-registration is to insure all students an adequate schedule for the ensuing term or semester. Those students who fail to pre-register are not only subjecting themselves to a penalty fee, but they are jeopardizing their opportunity to obtain a satisfactory schedule. It is a definite advantage to all students to pre-register if they expect to return to college for the following term or semester.

REGISTRATION

At least one month prior to registration day an official transcript of credit must be filed in the Office of the Registrar and Director of Admissions for each incoming freshman and each transfer student.

All students are expected to complete registration on the days set aside for this purpose at the beginning of each semester or term. No registrations will be allowed after the following dates: First summer term, June 12; second summer term, July 21; first semester, September 22; second semester February 9. Students who do not register on regular registration dates set for the term or semester (see calendar) will be charged a late registration fee.

Printed schedules of classes may be obtained from the Registrar's Office in advance of registration days. Registration cards for those students who have pre-registered will be held by the several advisers until the date set for registration; new students will receive registration cards at the times indicated in the college calendar.

Transfer students enrolling for the first time should see the Registrar before enrolling.

SEMSTER HOURS—DEFINITION

The semester hour is the basis of college credit within the institution. A lecture-recitation course meeting one period a week for a semester carries one semester hour of credit; if meeting two periods, two semester hours of credit. Laboratory courses, however, require a minimum of two periods a week for each semester hour of credit.

GRADING SYSTEM

The following system of grading is used within the institution:

A—Superior, given only to students for exceptional performance.
B—Good, given for performance distinctly above the average in quality.
C—Average, given for performance of average quality.
D—Lowest passing grade, given for performance of poor quality.
F—Failure. Course must be repeated if credit is to be received.
FIW—Failure because of irregular withdrawal.
I—Incomplete, given to a student who misses a part of the course for a reason the instructor recognizes as a valid excuse for delay in completing the assignments. Unless the work missed is completed within a year from the date the mark is recorded, the I automatically changes to an F.
WF—Withdrew Failing, from one class or from college.
WP—Withdrew Passing, from one class or from college.

QUALITY POINTS

The quality of a student's work is indicated by quality points.

Candidates for graduation must have at least twice as many quality points as semester hours attempted, that is, a point-average of 2.0 on all college work and on all work completed at Fairmont State College. Quality points for grades A, B, C, D, are computed as follows.

A—Four (4) quality points for each semester hour of credit.
B—Three (3) quality points for each semester hour of credit.
C—Two (2) quality points for each semester hour of credit.
D—One (1) quality point for each semester hour of credit.

A student's grade average is determined by dividing the number of his quality points by the number of credit hours he has scheduled. No quality points are attached to grades F, FIW, and WF, but the credit hours for the courses in which these grades are received will be used in computing his grade average.

In order to be graduated, a candidate for a degree must have maintained a quality point average of 2.00 or better in all college courses and in all credit earned in FSC. An average of 2.00 must also be maintained in the major and minor fields of study and for the remaining semester hours taken collectively if the student is a candidate for the A. B. or B. S. degree. If the student is in teacher education, he must maintain an average of 2.00 in each teaching field and/or minor assignment and in education courses. Grades earned in other institutions shall not be used to make up a deficiency of quality points in this institution except as provided by Board order.

It is the student's responsibility to keep informed of his quality point standing. This information can be obtained at any time from the Registrar.

FAIRMONT COLLEGE LIBRARY

CLASSIFICATION OF STUDENTS

Students who have completed not less than 90 hours of college work are classified as seniors.

Students who have completed not less than 58 hours and not more than 90 hours of college work are classified as juniors.

Students who have completed not less than 26 hours and not more than 58 hours of college work are classified as sophomores.

Students who have completed the high school or secondary course and not more than 26 hours of work are classified as freshmen.

NUMBERING OF COURSES

Courses 100-199 are for freshmen; courses 200-299, for sophomores; courses 300-399, for juniors; courses 400-499, for seniors. With the approval of his adviser a student may enroll for a course on either the next higher or the next lower level.

CREDIT FROM A JUNIOR COLLEGE

The maximum credit accepted from a Junior College accredited by the North Central Association of Colleges and Secondary Schools or other regional accrediting associations will not exceed 72 semester hours. No more than 64 semester hours may be accepted from junior colleges which are not regionally accredited. No credit will be allowed for courses completed in a junior college subsequent to attainment of junior or higher rank by the student.

NON-RESIDENT OR OFF-CAMPUS CREDIT

One hundred (100) semester hours of the 128 required for graduation shall be completed in regularly scheduled campus courses. The 28 hours of permissible non-residence courses may be earned by extension, home study (correspondence), radio, television, special examination and/or army service. Credit earned in home study will be accepted only when earned in a regionally approved college.

ASSIGNMENTS AND CREDITS

1. Semester Load: A student who enters at the beginning of a semester may be assigned a sixteen or seventeen hour schedule, but not more, except by permission from the Registrar. An adviser may not give permission for more than seventeen hours.

2. Late Registration Fees: See p. 19 under special fees for schedule of fees for late registration. It should be understood, however, that late registrants often fail to obtain satisfactory schedules, for the policy and practice of the College is to give priority to students who register on the dates set for regular registration.

3. Schedule Changes: Students must petition the Committee on Admissions and Credits to make schedule changes after the third week of a semester or the second week of a summer term.

Students may not add new classes to their schedule after the period of registration has ended. An exception is made for classes which begin at mid-term. Registration for these classes, however, must be completed before the classes start.

4. Withdrawal from College: A student desiring to withdraw from the College will apply at the Registrar's Office. Here forms will be obtained, which when com-

pleted with the proper signatures and returned to the Registrar's Office, will constitute an official withdrawal. The instructor records on the Final Report Class Cards to the Registrar, a W for students withdrawing during the first six weeks of a semester or two weeks of a summer term. In case the official drop notice is issued after one-third of the semester or term, the instructor will record either WP or WF at the end of the period of enrollment.

No withdrawals may be made from individual classes after mid-semester. If a student drops a part of his academic load after nine weeks of the semester or three weeks of the summer term have elapsed, an F or FIW will be recorded for each course dropped. Where a student withdraws regularly from college after nine weeks of the semester or three weeks of the summer term have elapsed, the instructor will record a WP or WF, as the case may be. Such grades will be used as a part of the student's record for the semester in determining his eligibility for enrollment later.

A student who withdraws from the college without formal notice to the Registrar will receive at the end of the semester a grade of "FIW" in each subject for which he is registered.

5. Repeating a course: With the approval of his adviser, a student may repeat a course in which he has received an F or a D. When this is done, both grades will be recorded and used in computing the student's point average.

6. Minimum Residence Requirements for Graduation: For a degree, at least one year's work in residence is required, one semester of which must be in the senior year. A "year of residence" must represent not less than 32 week's work in residence and 32 hours credit. A semester is defined as a minimum of 18 weeks and 16 hours credit.

Exception is made in the case of any student who has completed three years of required work in Fairmont State College and who wishes to complete the senior year by substituting approved credit earned subsequently in a college of medicine, or dentistry.

7. Application for Graduation: Candidates for graduation must make official application for a degree at least 45 days before Commencement Day. Applications will be filed with the Registrar.

HONOR ROLL

Those students who are registered for twelve or more hours and who at the end of the semester receive grades averaging B or above are considered honor students and a list of such students constitutes what is known as the Honor Roll.

DEAN'S LIST

Freshmen at Fairmont State College who earn an average of 3.5 or better on a minimum load of 16 semester hours for the first semester of their college enrollment are distinguished by being named on the Dean's List.

GRADUATION WITH HONORS

Candidates for graduation who have achieved special distinction in academic work are graduated with honors. Honors are determined by the cumulative quality point average of student's work at graduation. Three grades of honors are recognized: **cum laude** for a point average of 3.0 to 3.49; **magna cum laude** for a point

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average of 3.50 to 3.74; and **summa cum laude** for a point average of 3.75 or better. Averages are based upon the entire academic record of the student, including the final grades of the second semester of the senior year.

TRANSCRIPTS

Every student at Fairmont State College is entitled to one official transcript of his record free; for each additional copy a fee of one dollar ($1.00) will be charged. **No student who fails to meet his financial obligations to the College; or any department of the college, will be given a transcript.**

An application for a transcript of credit should furnish the date of last attendance at Fairmont State College, and a married woman should give both her maiden and married names. All requests for transcripts should be sent directly to the Registrar.

AUDITORS

Students who are registered in Fairmont State College may be permitted to attend classes as auditors provided they shall have obtained the written permission of their advisers and of the instructors in the classes they desire to visit. No person who enrolls in any class as an auditor may in the same semester, term, or later be considered as enrolled in this class for the purpose of obtaining credit. In no case whatsoever will auditing be regarded as a factor in obtaining credit.

Students eligible to attend classes as auditors may obtain proper permission blanks from the Registrar. Other persons, even if not registered students, may attend classes as auditors upon securing permission from the Registrar and from the instructors involved, upon payment of the regular fee. Auditors are required to complete the regular registration forms.

ABSENCES

Faculty members have the responsibility for excusing or not excusing absences. Students have the responsibility of contacting individual faculty members about their absences. Failure of students to offer satisfactory explanations of absences may bring about a lowering of the class grade, or may lead to failure in the course.

REPORTS TO STUDENTS

The grades of all students are reported by each faculty member to the several student advisers at the middle and end of each semester. Midsemester reports, unless there are special reasons, are made only for students whose work is unsatisfactory.

SPECIAL EXAMINATIONS FOR COURSE CREDIT

Students may take special examinations to qualify for credit in certain courses. For further information as to the courses covered in this manner, students should contact the Student Personnel Office. All tests are administered by the College Testing Service.

Applications must be made to the Registrar for permission to take a special examination. To qualify for permission to take such an examination, an applicant must be enrolled or must have completed successfully one semester or summer session in Fairmont State College. The applicant must, in addition, establish eligibility in regard to his background in the area concerned. In order to gain college credit by special examination, the student must demonstrate better than average proficiency in the course. Examinations will not be given for courses in which the student has obtained a low grade previously.

Applicants must pay a fee of $3.00 for each special examination, if regularly enrolled at the time of taking the examination; otherwise the fee is $2.50 per semester hour of credit to be received. A receipt for the payment of the fee must be obtained from the cashier's office. No money will be refunded if any examination is failed. No examination may be repeated.

PROBATION AND SUSPENSION

1. If and when a student becomes 10 or more points deficient, he will be placed on probation.

2. If and when a student becomes (or remains) 20 or more points deficient while on probation, he will be suspended.

3. If a student remains on probation for three consecutive semesters, he will be suspended.

4. To be removed from probation, a student must establish an average of 2.00 in all work attempted.

5. Seven or more calendar months after his suspension a student may petition for readmission.

6. A student, 20 or more quality points deficient, if conditionally readmitted, must reduce his quality point deficiency by at least 8 quality points per semester or be suspended.

7. Two suspensions from any institution(s) of higher education are final.

8. The status of any student transferring from another institution of higher education will be determined in accordance with the above rules.

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COLLEGE FEES

ENROLLMENT FEES:

West Virginia Students:

Tuition (8 hours and above)	$ 25.00
SPECIAL REGISTRATION FEE (12 hours and above)	50.00
Student Activity Fee	12.00
Course Fee	3.00
Student Union Fee	7.50

*Non-Resident Students:

Tuition (8 hours and above)	$175.00
SPECIAL REGISTRATION FEE (12 hours and above)	50.00
Student Activity Fee	12.00
Course Fee	3.00
Student Union Fee	7.50

Part-Time Fees, West Virginia Students:

Regular Semester (Less than 8 hours):

1 Semester Hour	$ 5.00	plus	$1.00	Course Fee
2 Semester Hours	8.00	plus	1.00	Course Fee
3 Semester Hours	10.00	plus	1.00	Course Fee
4 Semester Hours	13.00	plus	1.00	Course Fee
5 Semester Hours	16.00	plus	1.25	Course Fee
6 Semester Hours	19.00	plus	1.50	Course Fee
7 Semester Hours	22.00	plus	1.75	Course Fee

SPECIAL REGISTRATION FEE (1 to 11 hours inclusive), $4.00 per credit hour.

All part-time students must pay a Student Union Fee.
1 to 4 hours inclusive $3.00. 5 to 7 hours inclusive $4.00.

STUDENTS CARRYING 8 HOURS AND ABOVE ARE REQUIRED TO PAY THE STUDENT ACTIVITY FEE OF $12.00.

Part-Time Fees, Non Resident Students:

Regular Semester (Less than 8 hours):

1 Semester Hour	$15.00	plus	$1.00	Course Fee
2 Semester Hours	30.00	plus	1.00	Course Fee
3 Semester Hours	45.00	plus	1.00	Course Fee
4 Semester Hours	60.00	plus	1.00	Course Fee
5 Semester Hours	75.00	plus	1.25	Course Fee
6 Semester Hours	90.00	plus	1.50	Course Fee
7 Semester Hours	105.00	plus	1.75	Course Fee

SPECIAL REGISTRATION FEE (1 to 11 hours inclusive), $4.00 per credit hour.

All part-time students must pay a Student Union Fee.
1 to 4 hours inclusive $3.00. 5 to 7 hours inclusive $4.00.

STUDENTS CARRYING 8 HOURS AND ABOVE ARE REQUIRED TO PAY THE STUDENT ACTIVITY FEE OF $12.00.

SUMMER SCHOOL FEES:

West Virginia Students:

Tuition (4 hours and above) one term	$ 15.00
Tuition (4 hours and above) two terms	30.00
SPECIAL REGISTRATION FEE	$4.00 per credit hour
Student Activity Fee (Payable one term only)	2.00

Course Fee $1.50 (payable each term)	3.00
Student Union Fee (payable one term only)	7.50
Non-Resident Students:	
Tuition (4 hours and above) one term	$ 58.00
Tuition (4 hours and above) two terms	116.00
SPECIAL REGISTRATION FEE	$4.00 per credit hour
Student Activity Fee (Payable one term only)	2.00
Course Fee $1.50 (payable each term)	3.00
Student Union Fee (payable one term only)	7.50
Part-Time Student Fees, West Virginia Students:	
1 Semester Hour	$ 5.00 plus $1.00 Course Fee
2 Semester Hours	10.00 plus 1.00 Course Fee
3 Semester Hours	15.00 plus 1.00 Course Fee
SPECIAL REGISTRATION FEE	$4.00 per credit hour
Student Union Fee (1 to 3 hours inclusive)	$4.00
Part-Time Student Fees, Non-Resident Students:	
1 Semester Hour	$15.00 plus $1.00 Course Fee
2 Semester Hours	30.00 plus 1.00 Course Fee
3 Semester Hours	45.00 plus 1.00 Course Fee
SPECIAL REGISTRATION FEE	$4.00 per credit hour
Student Union Fee (1 to 3 hours inclusive)	$4.00

AUDITING FEE:

Auditing Fee is the same rate as the Semester Hour Fee.

EXTENSION FEES:

West Virginia Students (Per Semester Hour)	$ 7.50
Non Resident Students (Per Semester Hour)	30.00

SPECIAL FEES:

**Chemistry Breakage Fee	$ 5.00
Late Registration Fee:	
1st day	10.00
2nd day	12.00
3rd day	13.00
4th day	14.00
5th day	15.00
Graduation Fee (Inc. cap and gown)	6.00
Freshman Orientation Fee	1.50
Transcript Fee (First Transcript is furnished free)	1.00
Special Examinations for course credit (Regularly enrolled students)	3.00
Special Examinations for course credit (Non-enrolled students) per semester hour	2.50
***Towel Rental Service and Deposit Fee	2.00
Rates for special students in Industrial Art Classes:	
IA, 134N, 234N, 334N, 434N, 345N, 346N (The above fee is in addition to regular fee charged)	12.00
Special Fee for Driver Education Course:	
Regularly enrolled students	5.00
Non-Enrolled Students	15.00

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Special fee for Industrial Arts, per card	5.00
(Industrial Arts classes requiring basic materials for course instruction shall purchase $5.00 material cards in the Business Office. Some classes may require more than one card to complete the course.)	

*The term "resident" as hereinafter used refers to classification for fee purposes only.

**Assessed each student enrolled for any chemistry laboratory course. Unused portion, if any, will be refunded at end of school year. In event of unusual breakage, an amount to cover same may be assessed.

***Towel Rental Service is available in Physical Education Building. At the close of semester or term, the deposit of $1.00 will be refunded.

REGULATIONS GOVERNING CLASSIFICATION OF STUDENTS FOR PURPOSE OF ASSESSING TUITION FEES!

All students not classified as resident students shall be classified as non-residents for fee purposes.

A student classified as a non-resident at the time of first registration in a state college, is considered a non-resident for fee purposes throughout his years as a student in a state college, unless his parents move to and establish a home, permanent abode and legal domicile in the state for twelve (12) consecutive months immediately prior to his registration in a state college. If the status of a student is thus properly changed from a non-resident to a West Virginia student, his classification may not be changed until the next registration period.

Students who are minors: The residence of a minor shall follow that of the parents at all times. The residence of the father during his life, and after the father's death, the residence of the mother is the residence of the minor, but if the father and mother have separate places of residence, the minor takes the residence of the parent with whom he lives or to whom he has been assigned by court order. The parents of a minor will be considered residents of West Virginia if they have had a home, permanent abode and legal domicile within the state for twelve (12) months immediately prior to registration.

A student who is 21 years of age or over may be classified as a resident if (1) his parents were residents of the state at the time he reached his majority or (2) who, while an adult, has established a bona fide home, permanent abode and legal domicile for at least twelve (12) consecutive months immediately preceding registration; it being understood, however, that no non-resident student may establish residence in this State for fee purposes, merely by his attendance as a full or part-time student at any institution of learning in the State. There must be evidence that he has come to the State primarily for other purposes than college attendance.

Marriage, alone, to a West Virginia resident will not change the status of a non-resident student in a West Virginia state college. Employment of his spouse does not change his status.

A West Virginia student whose parents or guardian move out of the state of West Virginia after his original enrollment, will automatically become liable for non-resident fee at the next registration period after twelve (12) months following removal of parents or guardian.

The residence of a minor student assigned to a guardian shall be considered affected by such assignment, beginning twelve (12) months after the appointment of the guardian; the provisions stated above with respect to parents' residence shall then apply to the guardian's residence.

An alien who has taken out his citizenship papers and has had a home, permanent abode and legal domicile in West Virginia for twelve (12) months immediately preceding the date of his enrollment in a state college shall be eligible for registration as a West Virginia student.

Neither registration as a voter in the State of West Virginia nor the purchase of a West Virginia automobile license will constitute residency for fee purposes.

Persons who are moved into the state as the result of military orders from the government, or the minor children of such persons, are entitled to admission as in-state students beginning twelve (12) months after establishing domicile or abode in the state.

A student who wilfully gives wrong information to evade payment of the non-resident fees shall be subject to serious disciplinary action, and must also pay the non-resident fee for each session attended.

The above regulations shall not be retroactive nor penalize a student or students previously classified.

PAYMENT OF TUITION AND FEES:

The regulations of the West Virginia Board of Education provide that "No financial credit of any type shall be extended to any individual either student or other, at any state college or institution. All colleges and institutions shall operate strictly on a cash basis with all payments and obligations being collected in advance. All tuition and fees must be collected in full for each semester on enrollment day for each semester."

REFUND POLICY FOR TUITION AND FEES:

A student who withdraws regularly from the college may arrange for a refund of his fees in accordance with the following schedule:

18 Weeks (Semester)	
During first and second weeks	90%
During third and fourth weeks	70%
During fifth and sixth weeks	50%
Beginning with seventh week	No Refund
6 Weeks (Summer Term)	
During first week	90%
During second week	70%
During third week	50%
Beginning with fourth week	No Refund

RESIDENCE HALL EXPENSES—MEN AND WOMEN:

Room Rent (18 Week Semester) $90.00 per semester per person.
Room Rent (Six Week Term) $30.00 per student—occupancy two students per room.
Room Rent (Six Week Term) $35.00 per student—occupancy one student per room.
Board (18 Week Semester) $180.00.
Board (6 Week Term) $60.00.
A three percent Consumers Sales Tax is payable on all Room and Board charges of more than one dollar; two percent, on amounts of one dollar.

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CAMPUS APARTMENTS:

Small Apartments (per month) $30.00.
Large Apartments (per month) $35.00.
Apartments, Morrow Hall (per month) $40.00.
A $15.00 deposit fee is required of all students living in the campus apartments.

Apartment rent must be paid in advance and must be paid no later than the third day of each month.

PAYMENT ON ROOM AND BOARD:

Room Rent (18 weeks semester) must be paid in full on Registration Day.
Board (18 week semester) must be paid in advance either on a semester or a quarterly basis.
Room Rent (6 week term) must be paid in full on Registration Day.
Board (6 week term) must be paid in full on Registration Day.
Board and Room Rates are subject to change.

(All fees are subject to change by action of the West Virginia Board of Education.)

STANDARDS FOR DORMITORY LIFE:

1. All students not living at home are required to live in the residence halls, unless other arrangements are made with the Dean of Men or the Dean of Women.

2. A deposit of $15.00 is required of all students living in the dormitory. The deposit on rooms, less assessments, is refundable at the close of the school term.

THERE IS NO REFUND OF ROOM DEPOSITS OR RENT TO STUDENTS CHANGING RESIDENCE DURING A TERM OR SEMESTER, OR TO STUDENTS WITHDAWING DURING A TERM OR SEMESTER. The $15.00 deposit fee is forfeited if the student does not cancel the room reservation at least 25 days before the opening of the semester.

3. All students living in the residence halls will take their meals in the college cafeteria.

4. No evening meal will be served in the college cafeteria on Sunday.

5. Residence halls will be closed during the Thanksgiving, Christmas, and Spring recess.

6. Room rental for a semester must be paid in full on Registration Day.

7. Board must be paid in advance either by the quarter or by the semester.

8. Residents of the halls must furnish and launder their own towels, linens, curtains, and bed spreads.

9. A student who is absent from a residence hall for seven or more consecutive days will not be charged for meals, provided that the Food Director is notified in advance. No deduction in room rent, however, will be allowed regardless of the cause or extent of absence.

If there are no vacancies in the dormitories and a student must live off campus, the consent of Dean of Women or Dean of Men must be given before renting a room. A file of approved rooms for rent to students is maintained in the Dean's Office.

STUDENT WELFARE

STUDENT PERSONNEL SERVICES

Fairmont State College maintains many services of great value to all students. With the aim of assisting each student to adjust to his school environment and gain the most from his college experience, a centrally organized student personnel program is provided by the Office of Student Affairs. The many services include: housing for men and women; freshmen orientation; testing; counseling; remedial assistance in reading, study habits, and other fields where a need is apparent; guidance in social affairs and campus activities; placement service for graduating seniors; and, provision of financial assistance to students through part-time employment and loan funds.

HOUSING FOR MEN

Housing for men has vastly improved with the opening of the new men's dormitory on January 1, 1959. With the exception of some temporary barracks set up on the campus after World War II, Fairmont State has never before had a dormitory for men.

The new dormitory, located on the hill above the main portion of the campus, commands a splendid view of much of the campus and surrounding area. The student rooms are furnished with built-in wardrobes, study desks, and shelves for books. Beds, mattresses, and chairs are new. A large and well-appointed lounge is located on the first floor. Parking and recreational facilities are being developed in the rear of the building.

The College also maintains a limited number of one and two bedroom apartments for married students. These units are partially furnished.

The fees charged for residence in the dormitory are listed on page 21.

HOUSING FOR WOMEN

Not for a great many years has Fairmont State College offered such attractive housing on the campus for women as is now available. Morrow Hall, built in 1922, has been thoroughly renovated and refurnished. Two new wings have been added.

The furniture used in the new wings is of the built-in type, providing wardrobes, study desks, and book shelves. In the older portion, all new beds, dressers, and study tables have been provided. In addition, new lighting and plumbing fixtures have been installed, floors have been freshly sanded, and new rugs have been purchased.

All in all, Morrow Hall is a most attractive, well-equipped building with pleasant social rooms, study and sleeping facilities, a laundry room, and the College Cafeteria on the ground floor providing an extra convenience. Furthermore, Morrow Hall is readily accessible to all the other principal buildings on the campus.

The fees charged for residence in the dormitory are listed on page 21.

TESTING AND COUNSELING

The Office of Student Affairs provides a testing and counseling service designed to assist students in making more intelligent personal, academic, and vocational choices. Trained personnel are maintained to administer and interpret tests. For the most part students seek this service voluntarily. Special remedial assistance is available to students who are deficient in reading, vocabulary, and study habits.

PLACEMENT SERVICE

This service is available to all persons graduating from the college and to those who receive teaching certificates through its recommendation. All seniors are urged to register prior to graduation. Alumni who hold degrees or certificates are welcome to register. Assistance in placement in all fields of employment relative to occupational instruction furnished by Fairmont State College is offered. A job clinic of instruction on applying for jobs is provided.

FRESHMEN ORIENTATION

Freshmen and transfer students arrive on the campus in advance of the upperclass students. During a week's period they become acquainted with the campus, buildings, and equipment, and various student activities. They are given tests which are for the purpose of assisting them in getting properly placed in their college courses and major fields of study. After scheduling classes in consultation with faculty advisers, they become formally registered for their first year of college work. Throughout the orientation period freshmen are assisted and guided by trained student counselors who are sympathetic with their special problems.

ADVISER SYSTEM

Each student is assigned an academic adviser at the time of his first enrollment in Fairmont State College. The student's academic adviser is the chairman or a staff member of the department in which the student has chosen his major field of study.

If the student desires to change his major field of study, he should contact the Student Personnel Director for assignment to the appropriate adviser. Students who are not ready upon entrance to select a major department will be assigned to special advisers by the Student Personnel Director.

It is to his academic adviser that a student will take all problems relating to course requirements, class schedules, pre-registration, and registration.

GENERAL REGULATIONS

Fairmont State College expects its students to observe the standards of good citizenship both on and off the campus. Regulations of the State Board of Education empower the president and faculty to take such steps as may be needed to enforce these standards.

LOAN FUNDS, SCHOLARSHIPS, AND OTHER STUDENT AID

The scholarship and loan funds of Fairmont State College are available to worthy undergraduates who need assistance in meeting their college expenses. All funds are administered by the Scholarship and Loan Committee, unless otherwise indicated. Applications for scholarships and loans should be made to this committee.

LOANS

The National Defense Student Loan Program

Students of Fairmont State College are eligible to participate in the National Defense Student Loan Program. The College has received an allocation for use as provided for in the National Defense Education Act of 1958. The Act specifies that "in selection of students to receive loans—special consideration shall be given to (a) students with a superior academic background who express a desire to teach in elementary or secondary schools, and (b) students whose academic background indicates a superior capacity or preparation in science, mathmetics, engineering, or a modern foreign language."

Students who need financial assistance in order to enter college should know:

1. A student with a good academic record who shows a need for financial assistance in order to attend college is eligible to apply for a loan.

However, if the requests for loans exceed the grant made to the college, then special consideration will be given to students with superior academic backgrounds who express a desire to teach in elementary or secondary schools and to students whose academic backgrounds indicate superior capacity of preparation in science, mathematics, engineering, or modern foreign language.

2. The amount of the loan will be based on the actual need for basic expenses—tuition, room and board, fees, books, etc.—up to a maximum of $750 per year, the maximum amount for a four year period to be $2400.

3. A National Defense Student Loan bears simple interest upon the unpaid balance at the rate of 3 percent per year. Interest does not commence until one year from the date when the borrower ceases to be a full-time student at an institution of higher education. Furthermore, no interest shall be charged during any period, not in excess of three years, that the borrower is serving as a member of the Armed Forces of the United States.

4. The loan, and interest thereon, of any borrower who serves as a full-time teacher in a public elementary or secondary school shall be cancelled up to a maximum of 50 percent, at the rate of 10 percent of the amount of the loan plus interest thereon, which was unpaid on the first day of such service, for each academic year of service.

5. Promissory notes for minors will be co-signed by parents or guardians.

6. Applications for prospective students should be made well in advance of registration.

For further information and application blanks write:

Chairman, Committee on
Scholarship, Loan, and Student Aid
Fairmont State College
Fairmont, West Virginia

The Claude Worthington Benedum Loan Fund

The Benedum Foundation of Pittsburgh has established a loan fund which permits sophomores, juniors, and seniors with averages of 2.2 or better who are bona fide residents of West Virginia to borrow a maximum of $300 in any one school year. The loan matures not later than three years after last date of attendance at the college. No interest is charged while a student is in college. Terms—see item 3 below.

General Loan Fund of Fairmont State College

1. Eligibility—sophomores, juniors, and seniors who have an average grade of 2.2 or better at the time of the loan.

2. Amount—maximum of $300 for one college year; maximum of $900 for three years.

3. Terms—**co-signing** by parents or guardian of the borrower; **repayment** of the loan, with the accrued interest thereon, over a three-year period, beginning one year after the date the borrower is graduated or ceases to be a full-time student; simple interest of 3 per cent on the unpaid balance, beginning a year after the student leaves school.

Dramatic Scholarship Loan Fund

This fund was established by a grant from the Woman's Club of Fairmont and is available to students especially interested in dramatics. The loan is to be used for tuition and is available each year to one man and one woman student. Application is made with the Chairman of the Speech and Dramatic Department.

SCHOLARSHIPS

The Claude Worthington Benedum Freshman Scholarship

The Benedum Foundation of Pittsburgh makes an annual grant to the college for the purpose of aiding worthy graduates of West Virginia High Schools to begin a college education. These scholarships, awarded on the basis of grades, activities, character, and financial need, amount to $125 to $250 for the freshman year only.

The West Virginia Board of Education General Scholarships

Five West Virginia Board of Education Elementary Teacher Training Scholarships and **five** West Virginia Board of Education Secondary Teacher Training Scholarships are offered to entering students who are residents of West Virginia majoring in elementary or secondary education. Awaded on the basis of grades, aptitude for teaching, personality, economic status, and interest, these scholarships amount to the remission of tuition and fees for four consecutive years following graduation from high school. The recipients must pledge to teach in West Virginia elementary or secondary schools for four years following graduation from college.

The West Virginia State Board General Scholarship

1. Eligibility — any regularly enrolled student to be considered on scholastic record, character, and financial need.

2. Amount — tuition and registration fee for one year, with opportunity to re-apply each year if satisfactory grades are maintained.

Marion County Council of Parents and Teachers Scholarship

This scholarship is awarded to a freshman preparing to teach. It is for the amount of tuition and fees for the freshman year. Only residents of Marion County are eligible for the scholarship.

Elizabeth Bussing Watson Speech Scholarship

This scholarship is established by the family of Elizabeth Bussing Watson who was a teacher of elocution in the Fairmont State Normal School. An award of $50.00 is to be granted annually to a student in the Department of Speech and Dramatics. Need, personal qualities, career-interest and scholastic achievement are the basis of selection—the selection is to be made by the chairman and staff of the Speech and Dramatics Department.

WORKING SCHOLARSHIPS

Among the several work scholarships available are:

(1) Assistant to Director of Public Relations, cash value $70 per semester.
(2) Director of Sports Publicity (preparation of sports news), cash value $70 per semester. Those interested must apply in person to the Director of Public Relations.
(3) Editor of **The Columns,** cash value $75 per year.
(4) Business Manager of **The Columns,** cash value $75 per year.

(5) Editor of **The Mound,** cash value $75 per year.
(6) Business Manager of **The Mound,** cash value $75 per year.

PART-TIME EMPLOYMENT

Opportunities are provided for many students who seek financial assistance through part-time employment. A registry of part-time jobs, available both on and off campus, is maintained in the Office of Student Affairs. On the college campus, students find employment in clerical work, library work, assisting instructors, kitchen and dining room work, maintenance, and other similar activities.

The Office of Student Affairs assists students in finding part-time employment off campus. Many students work in stores, factories, garages, filling stations, and private homes.

REGULATIONS FOR STUDENT AID AND OTHER EMPLOYMENT

1. Students employed on the student aid basis may not be employed ordinarily for more than seventy-five hours in any one month. In exceptional circumstances, and when approved by the Committee on Student Aid, students may be employed to a maximum of ninety hours per month.

2. Students enrolled for more than six semester hours may not be employed by the College except on a student-aid basis.

3. Full-time employees of the College may not enroll for any academic work other than that obtainable outside of their regular work schedule.

4. The awarding of scholarships, student loans, and student employment, including assistance to athletes, is handled through the Office of Student Affairs. All employed students, including athletes, are required to give full and honest work for pay received.

STUDENT AUTOMOBILE REGULATIONS

Because of the large number of cars used by students, traffic on the college campus is seriously congested. In the interest of safety and service rigid regulations have become necessary. The administration of these regulations is in the hands of a traffic Committee. All parking is limited to defined areas and restricted parking is established in certain areas.

All cars operated by students must be registered and identified by campus registration stickers.

Each student using an automobile on the campus is expected to be familiar with the traffic regulations.

SERVICE TO VETERANS

The Fairmont State College Office of Veterans' Coordinator exists to assist veterans in their relationships with the United States Veterans Administration. The Coordinator is prepared to give information concerning the college and the educational and financial benefits offered by the Federal Government. He will also aid veterans in securing suitable housing arrangements either in the Veterans' Housing units maintained by the college, or elsewhere. Request for information should be addressed to the Veterans' Coordinator at the college.

HEALTH SERVICE

All students entering Fairmont State College are required to have a health examination within two weeks after entrance. Appointments for this examination should be made with the Health Service at the time of registration. Failure to comply with the above regulations on the part of the student will result in suspension until regulations have been met.

A certificate from the Health Service stating that the student has complied with the above regulation must be presented by the student to his supervisor in student teaching before he may be assigned to this training.

A physician and registered nurse are available to examine and advise students in matters pertaining to their health. On school days from eight until four o'clock, the college nurse may be found in her office in the Colebank Gymnasium for first aid and for the treatment of minor ailments of students and faculty.

FOOD SERVICE

The College Cafeteria is located in Morrow Hall. Breakfast, lunch, and dinner are served here daily. Menus are carefully planned to provide nutritive diets with an attractive service at a reasonable price.

STUDENT CENTER BUILDING

The Student Center is a modern, spacious building centrally located on the campus.

On the ground floor, a large area has been finished for recreational purposes. The campus snack bar is located on the second floor, providing fountain service, soft drinks, coffee, cigarettes and confections. The College Bookstore and business offices for staff members are also on this floor. The top floor contains the ballroom floor with facilities for such events as teas and receptions.

All facilities of the Student Center are available to student groups for meetings, parties, dances, and other social affairs. Always before facilities have been much too small and crowded for the day by day activities of a growing student body. For the present, the new Student Union Building will afford ample campus recreational facilities.

BOOKS AND SUPPLIES

A modern college bookstore is maintained in the Student Center for the convenience of students. Here textbooks and school supplies of all kinds may be purchased.

*REQUIREMENTS FOR BACHELOR OF ARTS AND SCIENCE DEGREES

The courses required in the several departments leading to the Bachelor of Arts or Bachelor of Science degrees may be conveniently described in four categories, viz., General Requirements, Majors, Minors, and Electives. General requirements include those courses required of all students with regard to the area of concentration. A major is defined as the area of greatest concentation, or, more specificially, as the department in which the most credit is earned. A minor is the area of second greatest concentration, or in other words, the department second to the major in the amount of credit earned. Electives are those courses not included in the other categories.

Degrees are offered by departments as follows:

Bachelor of Arts Degree

- Art
- English
- History
- French
- Home Economics
- Mathematics
- Music
- Philosophy and Psychology
- Sociology
- Speech and Dramatics

Bachelor of Science Degree

- Biology
- Business Administration
- Chemistry
- Home Economics
- Industrial Arts
- Mathematics
- Physical Education
- Physics
- Recreation
- Secretarial Studies

All degrees granted by Fairmont State College have the same minimum requirements with regard to semester hours credit and quality point average. The minimum credit is 128 semester hours with an average of 2.0 quality points per semester hour for a course entered on the student's permanent record card. The credit varies among departments; but in all cases the quality point average for a major or minor must be 2.0 or better. It is also a requirement for any degree granted by this college that the mean of the quality point averages for all courses not included in the major or minor fields be 2.0 or better. Moreover, all candidates for a Bachelor of Arts or Bachelor of Science degree must have both a major and a minor.

Courses taken to satisfy the general requirements, or their equivalents, will be included in the major or minor. Thus, a major student in English would count the general requirements in composition and literature as part of his major work.

Twelve hours of one foreign language is a general requirement for the Bachelor of Arts degree for those who entered college for the first time in September, 1955, or later. Three hours of this requirement may be waived for each unit of the language presented as entrance credit, provided that the student is competent to continue the study of the language at the appropriate college level.

A student pursuing courses leading to the degrees of Bachelor of Arts and Bachelor of Science, who also meets state certification requirements in two or more teaching fields and in the professional courses, will be recommended for a professional (first class) teaching certificate in the areas in which he may be qualified. These persons are warned, however, that the requirements for the Bachelor of Arts and Bachelor of Science degrees differ considerably from those of the Bachelor of Arts in Education Degree. The Bachelor of Arts in Education degree automatically qualifies the student for a professional (first class) certificate. The other degrees do not.

*See Supplement 1961 Bulletin for possible changes in requirements.

It is the responsibility of the student to know and meet all requirements. The catalogue is published for the primary purpose of providing students with a source book of information pertaining to the College resources and requirements. Additional information or clarification of the statements in the catalogue may be obtained from the adviser or the Registrar.

GENERAL REQUIREMENTS FOR THE BACHELOR OF ARTS AND THE BACHELOR OF SCIENCE DEGREES

(See Supplement 1961 Bulletin for possible changes)

Subjects	Cat. No.	Sem. Hrs.
ART	255	2
ENGLISH		
Written and Spoken	102, 104	6
Literature	202, 204	6
HEALTH*	102	2
HISTORY	111, 112	6
	207 or 208	3
LANGUAGE**		
French, German, or Spanish	101, 102	6
	201, 202	6
MUSIC	205	2
PHYSICAL EDUCATION		
Women	101, 111	2
Men	115, 116	2
PSYCHOLOGY	103	3
SCIENCE		
Biology	101, 102 or	6
Physical Science***	201, 202	6
SOCIOLOGY	201, 202	6
SPEECH	101	2

*Not required of those students who earn 6 hours credit in biology.

**Required of all candidates for the Bachelor of Arts degree.

***Not required of physical science majors or those who have credit in college physics and chemistry. No credit is allowed in General Physical Science if credit is earned in physics and/or chemistry.

SPECIFIC REQUIREMENTS IN ALL MAJOR FIELDS

ART

MAJOR		36 Sem. Hrs.
History of Art		8
255 History and Appreciation of Art	2	
278 Ancient and Medevial Art	3	
377 Italian and Northern Renaissance Art	3	
378 Nineteenth Century and Contemporary Art	3	
Studio Work (one major area in Art)		12

Ceramics and Sculpture

283 Modeling and Sculpture	3
284 Modeling and Sculpture	3
383 Ceramics	3
384 Ceramics	3
483 Advanced Sculpture	2
484 Advanced Sculpture	2

Design

141 Art Structure	2
291 Commercial Design, I	3
292 Commercial Design, II	3
392 Textile Design	3
491 Interior Design	3

Drawing

142 Drawing	2
241 Drawing from Life	2
242 Drawing and Painting from Life	3

Painting

361 Painting in Oil	3
362 Painting in Oil	3
363 Painting in Watercolor	3
364 Painting in Watercolor	3
461 Advanced Painting in Oil	3
462 Advanced Painting in Oil	3
463 Painting in Any Medium	3

Studio Work (Selected from two or more major areas: see courses listed above under Ceramics and Sculpture, Design, Drawing, and Painting). 16

MINOR IN ART 24 Sem. Hrs.

History of Art Courses (See Above)	5
Studio Work Courses (See Above)	19

BIOLOGY

(Botany, Zoology)

MAJOR

Required Courses in Biological Science 30 Sem. Hrs.

Biology 101, 102 Introduction to Biology	6

A minimum of 6 hours from each group is required

Group A: Botany 6

Biology 201 General Botany	4
310 Plant Physiology	4

330 Field Botany	3	
340 The Plant Kingdom	3	
341 The Plant Kingdom	3	
342 Plant Ecology	2	
Group B: Zoology		6
Biology 315 Field Zoology	3	
320 Invertebrate Zoology	4	
321 Vertebrate Zoology	4	
350 Comp. Anatomy of Vertebrates	4	
Electives in Biological Science		12
Required related courses		
Chemistry 101, 102 General Chemistry		8 Sem. Hrs.
MINOR		24 Sem. Hrs.
Required Courses in Biological Science Same as for Major		18
Electives in Biological Science		6
Required related courses		
Chemistry 101, 102 General Chemistry		8

BOTANY

(See Biology)

BUSINESS ADMINISTRATION

MAJOR		39 Sem. Hrs.
Required courses (All Curricula)		27
Bus. 102 Principles of Business	3	
Bus. 141 Business Mathematics	3	
201, 202 Principles of Accounting	6	
306, 307 Business Law	6	
Econ. 101 American Business & Industry	3	
201, 202 Econ. Prin. and Problems	6	
Required courses from Business, Economics and Secretarial Studies		12

(These courses must be selected from special curricula, in the above fields)

Language. No requirement, but French, German, or Spanish is recommended.

MINOR	18 Sem. Hrs.
Required Courses	
Bus. 102, 201, 202	9
Econ. 101, 201, 202	9

CHEMISTRY

MAJORS

Required Courses		
Chemistry		36
101, 102 General Chemistry	8	
201 Qualitative Analysis	4	
240, 241 Quantitative Analysis	8	
301, 302 Organic Chemistry	8	
405, 406 Physical Chemistry	8	

Physics		8
101, 102 General Physics	8	
Mathematics		7
221 College Algebra	3	
231 Plane Trigonometry	3	
251 Analytical Geometry	4	
Language: German or French		12
Recommended Strongly:		
Mathematics		
321 Differential Calculus	4	
331 Integral Calculus	4	

MINOR (No Minor Offered)

ENGLISH

MAJOR		33 Hrs.
Required Courses, Studies and Practice in the English Language 102, 104, 321	9	
Required Courses, Literature 251, 252, 261, 262	12	
Electives, Literature, Group I 311, 312, 313, 314, 318, 341, 342	4-8	
Electives, Literature and Language, Group II 302, 315, 317, 322, 324, 325, 328, 329, 330, 331, 413	4-8	
Foreign Language One selected from French, Spanish, or German		12 Hrs.
MINOR		27 Hrs.
Required Courses, Studies and Practice in the English Language 102, 104	6	
Required Courses, Literature 202, 204, 341 or 342	9	
Electives, Literature and Language Choice may be made from Groups I and II as listed in the major.	12	

FRENCH

MAJOR		24 Sem. Hrs.
Required Courses		12
101, 102 Elementary French or equivalent	6	
201, 202 Second Year French	6	
Electives		12
301 Literature of the 17th Century	3	
302 Literature of the 18th Century	3	
309 Adv. Grammar and Comp.	2-3	
421 Literature of the 19th Century	3	
422 Literature of the 19th Century	3	
431 French Civilization and Culture	3	
321 Contemporary Literature	3	

MINOR 18 Sem. Hrs.

Required Courses 12

101, 102, 201, 202

Electives 6

To be selected from electives for majors.

HISTORY

MAJOR 30 Sem. Hrs.

Required Courses

111, 112	Development of Social Institutions	6
207, 208	Survey of United States History	6
462	Methods of Research	3
		15

The remaining 15 semester hours in history required for the history major are to be elected by the student from among the following courses, with a minimum of three semester hours from each group.

GROUP I 3-6

205	Contemporary Affairs	2
302	History of West Virginia	3
304	United States and Latin America	2-3
312	American Diplomatic History to the Present	3
315	Colonial America	2
316	Jefferson and Jacksonian Democracy	2
317	The American Civil War	3
318	The Westward Movement	3
320	American Economic History	2-3
401	Reconstruction and National Development	3
410	U.S. Since the First World War	3
460-A	Guided Historical Study	1-2

GROUP II 3-6

221	Modern Europe to 1815	3
222	Modern Europe since 1815	3
307	England to the Glorious Revolution	2
308	England Since the Glorious Revolution	2
340	Europe from 1870 to 1919	3
341	Europe from 1919 to the Present	3
350	History of Western Thought	3
402	Contemporary Europe	3
460-B	Guided Historical Study	1-2

GROUP III 3-6

305	History of Latin America	3
421	History of Russia	3
422	Recent History of the Far East	3
423	Recent History of Southeast Asia	2

Elect from this group (Exclusive of general requirements):
Economics, Political Science, Sociology, or Geography 12 Sem. Hrs.

MINOR 18 Sem. Hrs.

Required Courses

111, 112	Development of Social Institutions	6

207, 208 Survey of United States History	6
Electives	
(From any other History courses listed)	6
	18

HOME ECONOMICS

MAJOR			AB Degree—35 Sem. Hrs.
Required	AB	BS	BS Degree—39 Sem. Hrs.
Home Economics			
*101 Elementary Clothing	2	2	
102 Advanced Clothing Construction	3	3	
*103 Principles of Clothing Selection	2	2	
*201 Elementary Foods	3	3	
202 Advanced Foods	3	3	
*210 Textiles	3	3	
*303 Nutrition	3	3	
310 Family Life Education	2	2	
312 Consumer Education	3		
*315 Home Management	3	3	
*320 Home Planning and Furnishing	4	4	
*330 Child Care and Development	2	2	
340 Quantity Cookery		3	
403 Costume Design	2		
410 Advanced Textiles		3	
Electives			
Home Economics			BS Degree— 3 Sem. Hrs.
Language—Modern Foreign	12	6	
Other Fields			
Botany, or Zoology, or General Chemistry		12	

MINOR 24 Sem. Hrs.

Required

Home Economics: Starred (*) courses under Major

INDUSTRIAL ARTS

MAJOR		41 Sem. Hrs.
Required Courses		20
103 General Woodworking	3	
110 General Shop	3	
130 General Electricity	3	
140 General Drawing	3	
200 General Machine Shop	3	
325 Administration and Organization of Ind. Arts	2	
335 Philosophy of Industrial Arts	3	
Electives		21

To be taken from those courses listed under the description of electives for a First Teaching Field in Industrial Arts on page 51.

MINOR		24 Sem. Hrs.
Required Courses		17
103, 110 (or 322), 130, 140, 200, 325.		
Electives	7	

To be taken from two subject areas in Industrial Arts.

Students pursuing a major or minor in Industrial Arts will be required to take the following courses as pre-requisite to the advanced courses in Industrial Arts: Math, 110; Physics 101, 102; Chem, 101, 102.

Students transferring from engineering curricula to industrial arts may receive elective credit for such engineering courses as the student's adviser may approve.

JOURNALISM

MAJOR—(not offered)

MINOR—(not offered)

240 Reporting	3
270 Communications in Society	2
271 The Newspaper and Society	3
312 Publication Problems	3
340 Journalism Practice	2
341 Adv. Journalism Practice	2

MATHEMATICS

MAJOR*		33 Sem. Hrs.
Required Courses		24
221 College Algebra	3	
231 Plane Trigonometry	3	
251 Analytical Geometry	4	
321 Differential Calculus	4	
331 Integral Calculus	4	
391 Introduction to Analysis	3	
401 Differential Equations	3	
Electives: 281, 341, 361, 372, 393, 411		9
Language: French or German		12

MINOR IN MATHEMATICS 24 Sem. Hrs.

Required Courses: 221, 231, 251, 321, 331, 391, 401

*Two units of high school algebra, one unit of plane geometry, and one-half unit solid geometry are required of students taking a major in mathematics. Students who present but one unit of algebra and one unit of plane geometry must complete Math 111 and 121 in addition to the above requirements.

MUSIC

MAJOR

Required Courses		48 Sem. Hrs.
Theory		12
109-110 Theory	8	
209 Theory	4	
Applied Music		10
107-408 Piano	4	
141-442 Voice	2	
*275-492 Orchestral Instruments	4	
Appreciation		8
205 Music in Human Relations	2	
313 History	3	
314 History	3	
Conducting		4
345 Choral Conducting	2	
346 Instrumental Conducting	2	
Participation		8

169-470 Band	1-4
173-474 College Chorus	1-4
275-476 Advanced Instrumental Ensemble	1-4
277-478 Advanced Vocal Ensemble	1-4

MINOR 26 Sem. Hrs.

Theory: 109, 110	8
Appreciation: 205	2
Applied Music	8
107-408 (Min. 3)	
141-442 (Min. 1)	
274-492 (Min. 3)	
Conducting: 345, 346	4
Participation (See Courses Above)	4

*Advanced work on organ or a special orchestral instrument may be done to satisfy the 4 hours required in this group.

PHILOSOPHY AND PSYCHOLOGY

MAJOR 25 Sem. Hrs.

Required Courses (Option in Philosophy)

200 Introduction to Philosophy	3
300 Logic	3
325 Ethics	3
350 Comparative Religion	2
375 History of Christian Thought	2
400 Philosophy of Religion	3
425 History of Ancient and Medieval Philosophy	3
475 History of Modern Philosophy	3
Elective: One upper-level psychology course	

MINOR 12 Sem. Hrs.

Required Courses (Option in Philosophy)
200, 300, 325 and elective one 400 level course

MAJOR 27 Sem. Hrs.

Required Courses (Option in Phychology)

103 General Psychology	3
250 Experimental Psychology	3
300 Principles of Behavior	3
350 Statistics	3
375 Physiological Psychology	3
400 Psychometrics	3
425 Clinical Psychology	3
460 Seminar	3
Phil. 300 Logic	3

MINOR 12 Sem. Hrs.

Required Courses (Option in Psychology)
103, 250, 350 plus one elective course in Psychology

PHYSICAL EDUCATION

The requirements for the Bachelor of Science degree in Physical Education under the requirements for Bachelor of Arts in Education degree. See pages 53-55.

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PHYSICS

MAJOR			30 Sem. Hrs.
Required Courses in Physics			
210 211	General College Physics	10	
201	Demonstration in Physics	2-3	
310	Electricity and Electronics	4	
320, 321	Mechanics	6	
340	Special Problems	2-3	
420 - 421	Introduction to Atomic Physics	6	
Required Courses in Mathematics			22
221	College Algebra	3	
231	Plane Trigonometry	3	
251	Analytic Geometry	4	
321	Differential Calculus	4	
331	Integral Calculus	4	
381	Statics	3	
401	Differential Equations	3	

MINOR 22-25

Required Courses

Physics 101, 103 or 210, 211, 201, 310, 320, 321, 340, or 420, 421

Mathematics: 221, 231, 251

RECREATION*

MAJOR			30 Sem. Hrs
Health			4
241	First Aid & Safety Ed.	2	
308	School Health Problems	2	
Theory (Recreation)			12
241	Intro. to Recreation	2	
341	Workshop & Recreation Institute	2	
344	Recreational Leadership	1	
345	Practice Leadership	2	
346	Theory of Recreation	2	
347	Leisure in the Modern World	2	
422	Camping & Youth Organizations	2	
443	Community & Industrial Recreation	3	
445	Org. & Adm. of Rec. & Playgrounds	3	
Sports in Recreation			8
Physical Education			
115	Freshman Orientation	2	
131 or 231	Beg. or Inter. Swimming	1	
214	Leadership in Graded Games	2	
237	Fundamentals of Tennis	1	
271	Team Sports	2	
272	Individual and Dual Activities	1	
317	Stunts and Tumbling	1	
331	Swimming Techniques and Life Saving	2	
Recreation			
324	Archery & Badminton	1	
336	Co-recreational Activities	2	
339	Bowling	1	

Rhythms and Creative Arts				6
P. E.	325	Folk Dancing	1	
P. E.	425	Children's Rhythms	1	
Rec.	126	Rhythmic Activities	1	
Rec.	325	Square Dancing	1	
I. A.	314	Plastics & Crafts, I	2	
I. A.	414	Plastics & Crafts, II	2	
Speech	331	Children's Theatre	1	
Speech	151	Play Production	2	

SECRETARIAL STUDIES

MAJOR

Required Courses			27 Sem. Hrs.
101, 102 211	Beginning and Advanced Typewriting or Vocational Typewriting	4	
201, 202	Beginning Shorthand	8	
251	Business Correspondence	2	
301, 302	Advanced Shorthand and Transcription	8	
311	Office Machines and Filing	2	
351	Secretarial Office Practice	3	

MINOR

Required Courses			18 Sem. Hrs.
101, 102 211	Beginning and Advanced Typewriting or Vocational Typewriting	4	
201, 202	Beginning Shorthand	8	
301	Advanced Shorthand	4	
311	Office Machines and Filing	2	

SOCIOLOGY

MAJOR			24 Sem. Hrs.
Required Courses			15
201, 202	Fundamental Social Problems	6	
301	Anthropology	3	
310	Marriage and the Family	3	
403	Social Psychology	3	
Electives			9

Selected from the offerings in the Department of Sociology with the Adviser's approval.

MINOR			18 Sem. Hrs.
Required Courses			12
201, 202	Fundamental Social Problems	6	
301	Anthropology	3	
403	Social Psychology	3	
Electives			6

Selected from the offerings of the Department of Sociology with the Adviser's approval.

SPEECH AND DRAMATICS

MAJOR

The requirements for the Bachelor of Arts degree with major in speech are the same as those described for Speech under the requirements for the Bachelor of Arts in Education degree. See page 57.

MINOR IN SPEECH AND DRAMATICS 21 Sem. Hrs.

Required Courses: 101, 105, 151, 243, 245, 330, 336, 337, 421, 430.
Electives: Any three hours in Speech and Dramatics.

ZOOLOGY

(See Biology)

REQUIREMENTS FOR THE BACHELOR OF ARTS DEGREE IN EDUCATION

The education of teachers at Fairmont State College is designed to utilize the cooperative functions of the several subject matter areas and the department of professional education. The philosophy of the college is that adequate preparation for teaching requires rich and comprehensive experiences in the area of general education, a reasonable degree of concentration in two of the subject matter fields, and the development of certain attitudes, skills, and understanding which characterize effective teaching. The State Board of Education has adopted a program of general and professional education which is required of all students preparing for teaching.

COURSES OF INSTRUCTION

Fairmont State College offers three curricula leading to the Bachelor of Arts in Education degree. Students satisfactorily completing Curriculum A will qualify for the Professional Certificate for grades 7-12; Curriculum B, for the Professional Certificate for grades 1-9; Curriculum C, for the Professional Certificate for grades 1-12. Fairmont State College also offers all courses required for Temporary Certificates, i.e., certificates of lower level than a Professional Certificate. Furthermore, courses of study leading to non-academic certificates in art and music are offered.

Prospective students who began their academic work some time ago and who are now seeking to qualify for a teaching permit, or some other certificate, are urged to confer with the Dean and the Chairman of the Department of Education to determine the most convenient way to attain the certification they desire. The detailed outline of the several curricular requirements to be found in following sections is concerned primarily with the needs of students whose academic program began in September of 1949, or later. Students who began their college careers before this date are advised to make a thorough check of requirements with the Registrar and the chairman of the department of education.

It is the responsibility of candidates for a degree to know and to meet the general requirements of the College and the specific requirements of the chosen curriculum. It is the student's responsibility also to keep informed on his grade-point standing. All of this information may be obtained from the student's adviser or from the Registrar's office.

STUDENT TEACHING

Student teaching is required in all curricula. At the present time, elementary school training is provided at East Park, Jayenne, and White elementary schools. Secondary training is given in connection with local Marion County junior and senior high schools. All student teaching is under the point direction of Fairmont State College and the Board of Education of the county in which the teaching is done.

Eligibility for student teaching is determined by the ability of the student to meet the following requirements.

1. Minimum earned credits in academic and professional courses as follows:
    a. For enrollment in Ed. 250, 32 semester hours including 8 hours in education courses.
    b. For enrollment in Ed. 420, 425, 450, 90 semester hours including 8 hours in education courses, and three-fourths of the required work in each teaching field.

*See Supplement 1961 Bulletin for possible changes in requirements.

2. An average of not less than C.
   a. On all credits to be counted toward graduation.
   b. On all credits in areas of concentration or teaching fields.
   c. On all credits earned in the department of education.
   d. On all credits earned in areas other than teaching fields or education.
3. A statement from the college health department showing that the student has been given a physical examination and found to be physically fit for assignment to directed teaching.
4. An application from the student's supervisor showing the semester hours of credit together with the quality point average. This form must be countersigned by the Dean and the Chairman of the Department of Education.

All students seeking degrees under Curriculum A, B, and C will be required to complete a total of seven hours in student teaching.

THE BLOCK SYSTEM

Fairmont State College has adopted the block system for scheduling directed teaching. The significant features of this plan are: (1) a semester is reserved for the student in which he or she will schedule a block of professional subjects, including methods and directed teaching; (2) a nine-weeks section of that semester will be used exclusively for directed teaching; (3) during this nine-weeks period, the daily assignment for student teaching will comprise all hours the school is in session; (4) in addition to classroom assignments, student teachers will participate in the extra-curricular activities of the school and community.

One semester of the senior year will be used for scheduling a block of approximately 15 semester hours of professional courses. To schedule the "Block" a student must have met the requirements for directed teaching as described in the several preceeding paragraphs. Students and advisers should understand that the block system requires exact planning during the early years of the college career as well as in the senior year. All general requirements of the college as well as the minimum requirements of the teaching fields will have to be completed before the "Block" can be scheduled.

SUMMARY OF REQUIREMENTS

Briefly stated, the requirements for the Bachelor of Arts in Education degree are: The candidate must earn a minimum of 128 hours credit in approved subjects with a quality point average of 2.0, or better, for all courses attempted, for all professional courses, and for all courses in his teaching fields. He must also meet the general and specific requirements set up for the curriculum and teaching fields he elects. See Supplement of 1961 Bulletin for possible changes.

OUTLINE OF GENERAL REQUIREMENTS FOR THE BACHELOR OF ARTS IN EDUCATION DEGREE

		Hours Required by Curricula			Special
Subject—Cat. No.		Cur. A	Cur. B	Cur. C	Nonacademic
ART	155	0	2	2	0
	156	0	2	2	0
	255	2	2	2	2
ENGLISH					
Written and Spoken:	102A or 102B	3	3	3	3
	104	3	3	3	3
	208	3	3	3	3

(Continued p. 43)

Literature	202	3	3	3	3
	204	3	3	3	3
	207	0	3	3	0
GEOGRAPHY	210 or 305	0	3	3	0
HEALTH	102*	2	2	2	2
	308	0	2	2	0
HISTORY	111, 112	6	6	6	6
	207 or 208	3	3	3	3
	302	0	3	3	0
MATHEMATICS	310	0	2	2	0
MUSIC	331	0	3	3	0
	332	0	3	3	0
	205	2	2	2	2
PHYSICAL EDUCATION	101, 111(W)	2	2	2	2
	115, 116(M)	2	2	2	2
	214	0	2	2	0
SCIENCE					
Biology	101, 102	6 or	6	6	6 or
Physical Science	201, 201**	6	6	6	6
SOCIOLOGY	201, 202	6	6	6	6

*Not required of those students who complete 6 hours credit in biology.

**Physical Science 201 and 202 are alternates for biology only in curricula A and Special nonacademic. Credit is not allowed for General Physical Science if credit is earned in college physics and chemistry.

OUTLINE OF THE PROFESSIONAL REQUIREMENTS FOR THE BACHELOR OF ARTS IN EDUCATION DEGREE

Subject		Hours Required by Curricula			
Cat. No.	Title	Cur. A*	Cur. B**	Cur. C***	Non-Academic
Education					
100	Introduction to Ed.	2	2	2	2
202, 203	Human Growth & Devel.	6	6	6	6
226	Primary Methods	0	3	3	0
306	Tests and Measurements	2	2	2	2
336	Intermediate El. Methods	0	3	3	3
341	Methods in Reading	2	0	0	0
432	Prin. & Meth., Teach. in H.S.	4	0	4	4
250	Observ. & Directed Teach.	0	0-3	0-3	0
420	Observ. & Directed Teach.	0	3-7	0	0
425	Observ. & Directed Teach.	0	0	3-7	7
450	Observ. & Directed Teach.	7	0	0	0
Total		23	23	26-27	24

*Students in Curriculum A must complete their directed teaching work on the junior or senior high school level in two or more fields selected for concentration. Students in Curriculum B must include directed teaching in the primary and intermediate or primary and upper grade levels.

**Students in curriculum B must complete two fields for teaching in the junior high school. This means that to be certified to teach in the elementary school one must qualify to teach in the junior high school by earning a minimum of 18 semester hours credit with a quality point average of C, or better, in each of two approved fields. See the list of approved fields under "Curriculum B."

***Students in Curriculum C must complete work in directed teaching on two elementary levels and on the secondary level in both fields, if two are offered for graduation. Home Economics, Industrial Arts, and Commerce do not require a second teaching field in Curriculum C.

TEACHING CURRICULA

Satisfactory completion of the requirements in Curriculum A will qualify one for the West Virginia Professional Certificate, grades 7-12. Curriculum B prepares for the Professional Certificate, grades 1-9. Curriculum C prepares for the Professional Certificate, grades 1-12. The special non-academic curriculum qualifies the student for the Nonacademic Professional Certificate in music or art in grades 1-12.

CURRICULUM A

1. Curriculum A is planned for the students who wish to prepare for teaching in the junior and senior high schools of West Virginia. This curriculum includes the following:

General education courses	43-45 Sem. Hrs.
Professional courses	23 Sem. Hrs.
Teaching field or fields	60-62 Sem. Hrs.
Total	128 Sem. Hrs.

2. General education courses total 43-45 semester hours and include the following:

Art 255	2
Biology 101, 102 or Phys. Sci. 201, 202	6
English 102, 104, 208	9
*202, 204	6
History 111, 112	8
History 207 or 208	3
Music 205	2
Physical Education 101, 102 (W) 111, 116 (M)	2
Health, 102**	2
Sociology 201, 202	6

*Students who will use English as a teaching field should schedule Eng. 251, 252 instead of 202, and Eng. 261, 262 instead of 204.

**Not required of students who complete 6 hours of credit in Biology.

3. Professional courses include 23 semester hours as a minimum. These courses are:

Education

100 Introduction to Education	2
202, 203 Human Growth & Develop.	6
306 Tests and Measurements	2
341 Methods in Reading	2
432 Prin. & Meth., Sec. Schools	4
450 Directed Teaching Sec. Sch.	7

4. Students must complete all requirements in at least two teaching fields. Teaching-fields are now available as follows:

   Art
   Biological Science
   Biological and General Science
   Commerce—Business Principles
   Commerce—Occupational
   English
   French
   Home Economics
   Industrial Arts
   Mathematics
   Music
   Physical Education
   Physical Science
   Physical and General Science
   Social Studies
   Speech

CURRICULUM B

1. Curriculum B has been organized for those students who are preparing to teach in the elementary schools. Those students who successfully complete this curriculum will qualify for a Professional certificate for teaching in the public schools in grades 1 through 9. State rules and regulations governing the issuance of the Professional Certificate require a minimum of 18 of the 24 hours prescribed in the field of specialization (12 of the 18 hours in mathematics) for full time teaching. The minimum must include:

   Art to include drawing, design and painting.

   Commerce to include typewriting, shorthand, and accounting.

   English to include composition and literature.

   Foreign Language to include composition, grammar, and literature.

   General Science to include general biological science and general physical science, chemistry or physics.

   Home Economics to include foods and nutrition, textiles and clothing.

   Industrial Arts to include drawing, general shop, and organization of industrial arts.

   Mathematics to include college algebra.

   Music to include theory and applied music.

   Physical Education to include health problems for the school child and organization and administration of health and physical education.

   Social Studies to include American history and world geography.

   Speech to include fundamentals of speech, voice and diction, play directing, and speech correction.

   Teacher-Librarian to include cataloging and classification, book selection, and reference and bibliography.

Pertinent courses meeting the general education requirements may be used toward the completion of one or more minors.

2. General Education

Art 155, 156, 255	6	Mathematics 310	3
Biology 101, 102	6	Music 205, 331, 332	8
English 102, 104, 208	9	Physical Education	2
202, 204, 207	9	101, 111 (W)	2
Geography 210 or 305	3	115, 116 (M)	
Health 308	2	214	2
History 111, 112	6	Physical Science 201, 202	6
207 or 208	3	Sociology 201, 202	6
302	3		—
		Total	73

3. Professional courses include a minimum of 23 semester hours. These courses are:

Education

100 Introduction to Education	2
202, 203 Human Growth & Dev.	6
226 Primary Methods	3
306 Tests and Measurements	2
336 Intermed. & Upper Gr. Meth.	3
250 and/or 420 Directed Teach.	7

CURRICULUM C

1. Curriculum C is planned for those students who wish to qualify for teaching both in the elementary and high schools. This curriculum has the following requirements:

General education and other required courses	75 Sem. Hrs.
Professional courses	27 Sem. Hrs.
Specialized courses and electives	26 Sem. Hrs.
Total	128 Sem. Hrs.

2. General education and other courses required in this curriculum total 75 semester hours, and include the following:

Art 255, 353, 354	6
Biology 101, 102	6
English	
102, 104, 208	9
202, 204, 207	9
Geography 210 or 305	3
Health 308	2
History 111, 112	6
207 or 208	3
302	3
Mathematics 310	2
Music 205, 331, 332	8
Physical Education	2
101, 111 (W)	
115, 116 (M)	
214	2
Physical Science 201, 202	6
Sociology 201, 202	6

3. Professional Courses:

Education

100 Introduction to Education	2
200, 203 Human Growth & Dev.	6
226 Primary Methods	3
306 Tests and Measurements	2
336 Intermediate & Upper Gr. Meth.	3
432 Prin. & Meth., Sec. Sch.	4
250 and/or 425 Directed Teach.	7

4. Specialization is required in two teaching fields, except for home economics, industrial arts, or commerce. In a number of fields, specialization may be obtained readily by adding courses to the minimum required in (2) above.

NONACADEMIC CURRICULA

1. The departments of Art and Music maintain nonacademic curricula in addition to the regular college curricula. The nonacademic curriculum is designed specifically to prepare teachers for work in grades 1 through 12. Consequently, students in this curriculum will necessarily include methods of teaching and directed teaching in all grades in their programs of study. The curriculum includes the following:

General education courses	42-44 Sem. Hrs.
Professional courses	24 Sem. Hrs.
Teaching fields and electives	60-62 Sem. Hrs.
Total	128 Sem. Hrs.

2. General education courses include the following:

Art 255	2	Music 205	2
Biology 101, 102 or		Physical Ed.	2
Phys. Science 201, 202	6	101, 111 (W)	
English		115, 116 (M)	
102, 104, 208	9	Health 102*	2
202, 204	6	Sociology 201, 202	6
History 111, 112	6		
207 or 208	3		

*Not required of students who complete 6 hours credit in biology.

3. Professional Courses include:

Education

100 Introduction to Education	2	336 Intermediate & Upper Gr. Meth.	3
202, 203 Human Growth & Dev.	6	432 Prin. & Meth., Sec. Schools	4
306 Tests and Measurements	2	425 Directed Teaching	7

4. Specific subject matter requirements are described under Art and Music in the list "Specific Requirements for all Teaching Fields."

SPECIFIC REQUIREMENTS FOR ALL TEACHING FIELDS

ART 40 Sem. Hrs.

Nonacademic Professional Certificates, Grades 1-12

Required Courses

Freehand Drawing		4
142 Drawing	2	
241 Drawing from Life	2	
242 Drawing & Painting from Life	3	
Design		5
141 Art Structure	2	
291 Commercial Design	3	
292 Commercial Design	3	
392 Textile Design	3	
491 Interior Design	3	
Painting and Modeling		6
261, 262 Painting in Oil	2-6	
283, 284 Modeling and Sculpture	2-6	
363, 364 Painting in Watercolor	2-6	
383, 384 Ceramics	2-6	
History and Appreciation		8
255 History and Appreciation of Art	2	
278 Ancient and Medieval Art	3	
377 Italian & North Ren. Art	3	
378 Nineteenth Cen. & Cont. Art	3	
Art Education		6
353 Creative Exp. in Fine Arts	2	
354 Creative Exp. in App. Arts	2	
355 Mtls. and Tech. for H.S.	2	

Suggested Electives (See list below) 11
Indus. Arts 314, 414
Plastic and Crafts
Sculpture
Advanced Painting

First Class High School Certificate 36 Sem. Hrs.

The courses for the First Class High School certificate are to be selected from the list for Special Nonacademic Certificate with the following distribution:

Drawing and Painting	5
Design	5
Modeling or Ceramics	3
History and Appreciation	5
Applied Problems for High School Teachers in Art	2
Electives	16

BIOLOGICAL SCIENCE

First Teaching Field

Required Courses in Biology 24 Sem. Hrs.
Biology
101,102 Introduction to Biology 6

Electives: (Minimum of 6 hours each in Groups A and B) 18

Group A: Biology 201, 210, 310, *330, 340, 341, 342, 361

Group B: Biology 220, 221,*315,*322, 350, 371,410,411,420, 450

Group C: Biology 224, 242, 380, 390, 415, 460, 480

Related Required Courses 8

Chemistry
101, 102 General Chemistry 8

Second Teaching Field

Requirements same as for the First Teaching Field.

*These courses are strongly recommended. Students who find it possible to attend summer school should include them in their program.

BIOLOGICAL AND GENERAL SCIENCE

First Teaching Field 43 Sem. Hrs.
Required Courses 22
Biology
101, 102 Introduction to Biology 6
Chemistry
101, 102 General Chemistry 8
Physics
101, 102 Introduction to Physics 8

Electives 21

Biological Science	16-19
A minimum of 4 hours each in botany and zoology.	
Physics 201	2
Geology	0-3

Second Teaching Field 43 Sem. Hrs.

Requirements same as for the First Teaching Field.

COMMERCE—BUSINESS PRINCIPLES*

First Teaching Field 28 Sem. Hrs.

Required Courses 28

Bus.	141	Business Mathematics	3
Bus.	201, 202	Prin. of Accounting	6
Bus.	306	Business Law	3
Bus.	304	Marketing	3
Econ.	201, 202	Econ. Prin. & Probs.	6
Econ.	303	Money, Credit and Banking	3
Sec. St.	101, 202 or 211	Typewriting	4

Second Teaching Field 28 Sem. Hrs.

Requirements same as for the First Teaching Field.

*For preparation in this field students are advised to complete Sec. Studies 251.

COMMERCE-OCCUPATIONAL

First Teaching Field 24 Sem Hrs.

Required Courses 21

Bus.	201, 202	Principles of Accounting	6
Sec. St.	101, 102 or 211	Typewriting	4
Sec. St.	201, 202	Beginning Shorthand	8
Sec. St.	351	Secretarial Office Practice	3

Electives from the following courses 3

Bus.	205	Salesmanship	3
Bus.	306	Business Law	3
Bus.	320	Advertising	3

Second Teaching Field 24 Sem. Hrs.

Requirements same as for First Teaching Field.

ENGLISH

First Teaching Field 33 Sem. Hrs.

Required Courses

102, 104	First Yr. Written & Spoken	6
208	Second Yr. Written and Spoken	3
321	Study of the English Language	3
251, 252	Survey of English Literature	6
261, 262	Survey of American Literature	6

Electives:

Group I 3-4

207, 311, 312, 313, 314, 318, 341, 342

Group II 3-4

302, 315, 317, 322, 324, 325, 328, 329, 330, 331, 413

Related Required Subjects 3-4

Library Science or Journalism.

Second Teaching Field 33 Sem. Hrs.

Requirements same as for the First Teaching Field.

FRENCH

First Teaching Field 24 Sem. Hrs.

Required Courses 12

101, 102 Elementary French or equivalent	6
201, 202 Second Year French	6

Electives

301 Literature of the 17th Cent.	3
302 Literature of the 18th Cent.	3
309 Adv. Grammar and Comp.	3
421 Literature of 19th Cent.	3
422 Literature of 19th Cent.	3
431 French Civilization and Culture	3
321 Contemporary Literature	3

Second Teaching Field 24 Sem. Hrs.

Requirements same as for First Teaching Field.

HOME ECONOMICS

First Teaching Field 35 Sem. Hrs.

Required Courses

101 Elementary Clothing	2
102 Advanced Clothing Const.	3
103 Principles of Clothing Selection	2
201 Elementary Foods	3
202 Advanced Foods	3
210 Textiles	3
303 Nutrition	3
310 Family Life Ed.	2
315 Home Management	3
320 Home Planning and Furnishing	4
330 Child Care and Development	2
340 Quantity Cookery	3
406 Techniques	2

Second Teaching Field 24 Sem. Hrs.

Required Courses

101 Elementary Clothing	2
103 Principles of Clothing Section	2
201 Elementary Foods	3
210 Textiles	3
303 Nutrition	3
310 Family Life Ed.	2
315 Home Management	3
320 Home Planning and Furnishing	4
330 Child Care and Development	2

INDUSTRIAL ARTS

First Teaching Field			33 Sem. Hrs.
Required Courses		20	
103 General Woodworking	3		
110 General Shop	3		
130 General Electricity	3		
140 General Drawing	3		
200 General Machine Shop	3		
325 Administration and Organization of Ind. Arts	2		
335 Philosophy of Industrial Arts	3		
Electives		13	

Select a sufficient number of courses from at least two areas to make a minimum of 13 semester hours:

120 Materials of Industrial Arts	2
209 Elements of Machine Design	2
214 General Crafts	3
220 Sheet Metal	2
230 Electricity	2
242 Architectural Drawing	2-3
300 Blue Print Reading	2
303 Furniture Construction and Design	2
304 General Cabinet Making	3
308 Wood Finishing	2
310 General Shop	2
314 Plastics and Crafts	2
320 Sheet Metal	2
322 General Metals	3
334 Machine Shop	2
340 Mathematical Drawing	2
342 Architectural Drawing	2
345 Oxy-Acetylene Welding	2-3
346 Arc Welding	2-3
350 Machine Drawing	2
360 School Shop Planning	2
388 Cabinet Making	2
404 Building Construction	4
404A Building Construction	2
405 Building Construction	4
405A Building Construction	2
408 Cabinet Making	2
415 Driver Education	2
420 Sheet Metal	2
422 General Metals	2
434 Machine Shop	2
442 Architectural Drawing	2
450 Machine Drawing	2
462 Architectural Drawing	2
474 Industrial Maintenance	2-3
475 Mill Wrighting	2-3
490 Methods and Materials for Teaching I.A.	2

Second Teaching Field 33 Sem. Hrs.

Requirements same as for First Teaching Field.

LIBRARY SCIENCE 15 Sem. Hrs.

Fairmont State College is offering sufficient courses in Library Science to enable prospective "teacher-librarians" to meet the North Central Association of Colleges and Secondary Schools requirements for high schools enrolling up to 500 students. Some of the courses scheduled will be offered only in alternate years. West Virginia does not certify librarians at this time.

Library Science Courses

302	School Library Administration	3
303	Cataloging and Classification	3
305	Selection and use of Secondary School Library Materials	3
306	Reference and Bibliography	3
404	Practice Work	3

MATHEMATICS* 21 Sem. Hrs.

First Teaching Field

Required Courses

221	College Algebra	3	
231	Plane Trigonometry	3	
251	Analytic Geometry	4	
321	Differential Calculus	4	
331	Integral Calculus	4	
Electives			3
341, 361, 372, 381, 391, 393, 401, 411			

Second Teaching Field

Same as for the First Teaching Field 21 Sem. Hrs.

*One and one half units of high school algebra, one unit of plane geometry, and one-half unit of solid geometry are required of students preparing for certification in mathematics. Students who present but one unit in algebra will be required to complete Math. 111; those who do not have credit in solid geometry will be required to complete it before enrolling in Math. 321.

MUSIC 58 Sem. Hrs.

Nonacademic Professional Certificate, Grades 1-12

Theory			16
109, 110		8	
209, 210		8	
Applied Music			16
105-108 or *107-208	Piano	4	
139-140 or 141-142	Voice	1	
211	Begin. String Class	1	
213	Begin. Brass Class	1	
215	Begin. Woodwind Class	1	
217	Begin. Percussion Class	1	
**320-421	Tech. Keyboard Accom'p'y	1	
	Elective in performance area as approved by department adviser	7	
History and Appreciation			8
205	Music in Human Relations	2	
313-314	Music History	6	

Conducting 4
345-346 Conducting 4

***Participation
169-470 Band
171-472 Men or Women's Glee Club
173-474 College Chorus
275-476 Advanced Instrument Ensemble
227-478 Advanced Choral Ensemble

Music Education 6
332 Music Material and Proced. 3
431 Music Educ. for Schools 3

Electives in Music 2

First Teaching Field 40 Sem. Hrs.

The Courses for the professional certificate for teaching in high school are to be selected from the list for the nonacademic professional certificate with the following distribution:

Theory 12
Applied Music, including voice, piano* and orchestral instruments 10
Music History and Appreciation 8
Conducting 4
***Participation 3
Music Education 3

Second Teaching Field
Requirements same as for First Teaching Field

*Piano is required of all students. At the completion of the required number of hours, the student must pass a proficiency examination. If the student fails the examination, he (she) must pursue the subject, without credit, until a satisfactory degree of proficiency has been attained.

**Keyboard accompanying may be substituted for applied piano.

***All Students majoring or minoring in music are required to participate in at least one campus music performance group during each semester of college registration. When the required number of participation credits has been attained, students may register for performance groups on a non-credit basis, or else apply participation credit toward the area of music electives.

PHYSICAL EDUCATION (Men)

First Teaching Field 30 Sem. Hrs.

Required Courses 18

Physical Education 12
115, 116*Freshman Orientation 2
271 Team Sports 2
272 Individual and Dual Activities 2
310 Human Anatomy, Physiology 2
311 Kinesiology 2
**461 Organization and Administration of P.E. 2

Health 6
102 Personal Health 2
308 School Health Problems 2
404 Physical Inspection 2

Electives		12
Physical Education: Team Sports		5
201 Theory and Practice in Fund. Football	1	
202 Theory and Practice in Fund. Basketball	1	
203 Theory and Practice in Fund. Baseball	1	
204 Theory and Practice in Fund. Track	1	
210 Theory and Practice in Fund. Soccer	1	
320 Theory of Coaching Football	2	
321 Theory of Coaching Basketball	2	
322 Theory of Coaching Track	2	
323 Theory of Coaching Baseball	2	
324 Theory of Coaching Wrestling	2	
329 Officiating: Football and Basketball	2	
Recreational Activities		2
Physical Education:		
131 Beginner's Swimming	1	
205 Theory and Practice in Fund. of Golf	1	
206 Theory and Practice in Fund. of Tennis	1	
207 Theory and Practice in Fund. of Wrestling	1	
208 Theory and Practice in Fund. of Swimming	1	
209 Theory and Practice in Fund. of Crosscountry	1	
231 Intermediate Swimming	1	
237 Beginner's Tennis	1	
317 Stunts and Tumbling	1	
324 Archery and Badminton	1	
330 Advanced Swimming	2	
331 Swimming Techniques and Life Saving	2	
337 Advanced Tennis	1	
365 Activities, Assisting	1	
339 Theory and Practice in Fund. of Bowling	1	
Recreation		
344 Recreation Leadership	1-3	
School and Community		4
Recreation		
336 Co-Recreational Activities	2	
442 Camping and Youth Organizations	2	
443 Community and Industrial Organizations	2	
Health		
241 First Aid and Safety Education	2	
Rhythmic Activities		1
Recreation		
126 Social Dancing	1	
325 Square Dancing	1	
Physical Education		
325 Folk Dancing	1	

Second Teaching Field

Requirements same as for the First Teaching Field.

*Required that student practice for and participate in Physical Education Jamboree.

**At least two courses numbered from 200 to 212 are pre-requisite to 461.

PHYSICAL EDUCATION (Women)

First Teaching Field 32 Sem. Hrs.

Required Courses 14

Physical Education

101, 111	Freshman Orientation	2
310	Human Anatomy, Physiology, and	2
311	Kinesiology	2
*351	History and Principles of P.E.	2
461	Organization and Administration of P.E.	2

Health

102	Personal Health	2
308	School Health Problems	2
404	Physical Inspection	2

Electives: From the area of Team Sports 7

Physical Education

117	Field Hockey and Soccer	1
217	Volley Ball and Basketball	1
219	LaCrosse and Softball	1
316	Coaching and Off. Hockey and Soccer	2
319	Coaching and Off. LaCrosse and Softball	2
327	Coaching and Off. Volleyball and Basketball	2

Electives: From the area of Recreational Activities 4

Physical Education

131, 231 330, 331	Swimming	1-2
237, 337	Tennis	1
**317	Stunts and Tumbling	1

Recreation

324	Archery and Badminton	1
339	Bowling	1

Electives: From the Area Community and School 4

Physical Education

442	Camping and Youth Organ.	2
443	Community and Indus. Organ.	2

Recreation

336	Co-recreational Activities	2

Health

241	First Aid	2

Electives: From the Area of Rhythms 3

Physical Education

226	Modern Dance	1
325	Folk Dance	1
425	Children's Rhythms	1

Recreation

325	Square Dance	1

*May be elected instead of P.E. 461.

**Required for this area.

Second Teaching Field				32 Sem. Hrs.
Requirements same as for the First Teaching Field.				

PHYSICAL SCIENCE

First Teaching Field				36 Sem. Hrs.
Required Courses				
Chemistry			8	
101, 102	General Chemistry	8		
Physics			15	
101, 103	Introduction to Physics	8		
201	Demonstrations in Physics	3		
310	Electricity and Electronics	4		
Electives (At least 8 hours must be in Chemistry)			13	
Chemistry				
201	Qualitative Analysis	4		
240, 241	Quantitative Analysis	4-8		
301, 303	Organic Chemistry	8		
Physics			5	
320, 321	Mechanics	6		
340	Special Problems	2-3		
420, 421	Introduction to Atomic Physics	6		
Second Teaching Field				24 Sem. Hrs.
Required Areas				
Chemistry		12-16		
Physics		8-12		
Elective				
Geology		3		

PHYSICAL AND GENERAL SCIENCE

				44 Sem. Hrs.
First Teaching Field				
Required Courses				
Chemistry			8	
101, 102	General Chemistry	8		
Physics			15	
101, 103	Introduction to Physics	8		
201	Demonstration in Physics	3		
310	Electricity and Electronics	4		
Biology			6	
101, 102	General Biology	6		
Electives (A minimum of four hours must be in chemistry)			15	
Chemistry		4-8		
Physics		0-4		
Biology		0-4		

Second Teaching Field

Requirements same as for First Teaching Field

SECRETARIAL STUDIES — 24 Sem. Hrs.

See Commerce-Occupational

SOCIAL STUDIES — 39 Sem. Hrs.

First Teaching Field

Required Courses

History		
111, 112	Development of Social Institutions	6
207, 208	Survey of United States History	6
221, 222	Modern Europe or	
340	History of Europe 1870 to 1919 or	
341	History of Europe 1919 to Present	3
302	History of West Virginia	3
Economics		
*305	Economic Principles	3
Geography		
210	World Regional or	
305	World Political Geography	3
Political Science		
103	American Government	3
Sociology		
201, 202	Fundamental Social Problems	6
	To be selected from the following:	3
301	Cultural Anthropology, or	
310	Marriage and the Family, or	
350	Sociology of Adolescence, or	
403	Social Psychology, or	
420	Educational Sociology	
Electives:	From History, Economics, Geography, Political Science, Sociology	3

Second Teaching Field

Requirements same as for First Teaching Field

*Economics 201 or 202, Economic Principles and Problems, may be substituted for Economics 305 with the consent of instructor.

SPEECH

First Teaching Field — 28 Sem. Hrs.

Required Courses			14
101	Fundamentals of Speech	2	
105	Voice and Diction	2	
243	Debate	2	
336	Play Directing	2	
336L	Play Directing Lab.	1	
337	Effective Speaking	2	
430	Speech Correction	3	
Elective Courses*			14
Forensics			
244	Intercollegiate Debating	1-4	
245	Oratory	1-2	
401	Extemporaneous Speaking	1	

Radio

330	Fund. of Radio Speech	2
334	Radio Production	2
334L	Radio Production Lab.	1

Theatre

120	Theatre Appreciation	2
151	Play Production	2
152-452	Theatre Workshop	1-2
251	Acting	2
301-301L	Makeup	1-2
318	Modern Drama	2
321	Summer Theatre: Rehearsal and Performance	3
322	Summer Theatre: Production and Management	3
331	Children's Theatre	2

Interpretation

313	Shakespeare: Comedies	2
314	Shakespeare: Tragedies	2
421	Poetry Interpretation	3

Related Courses

107	Speech Improvement	2
345	Speech Problems of Children	3
440	Speech and Dramatics Seminar	1

*At least one course must be elected in each area.

Second Teaching Field 24 Sem. Hrs.

Required Courses
101, 105, 151, 243, 245, 330, 336, 337, 421, 430

Electives: From courses listed for First Teaching Field 3

SPECIAL CURRICULA

PRE-PROFESSIONAL CURRICULA

The courses outlined below are organized to meet the needs of those students who plan to continue their work in some professional school after one or two years as a student in Fairmont. Since most of this work is basic in character, it may be used in meeting the requirements for graduation from Fairmont State College.

Pre-professional work is offered in the following fields:

Dentistry	Medicine	Nursing
Law	Medical Technology	Social Work

An outline of the courses to be included in the pre-professional curricula listed above is outlined below for the use of students and advisers. Since the majority of students doing such work will later enter the professional schools at West Virginia University, the courses have been prepared with the idea of meeting the requirements laid down by University authorities for their own pre-professional students. Students expecting to enroll in other professional schools should procure a catalogue from the school they expect to enter with advanced standing so that the course taken here will meet the requirements they need to meet. The pre-professional field adviser will assist students in making all necessary adjustments.

The arrangement of courses of the pre-professional curricula by years may have to be varied somewhat to meet schedule situations and the interests of students. The pre-professional advisers should, however, be consulted as regards any such changes before they are made.

PRE-DENTAL CURRICULUM

Students enrolled in pre-dentistry should plan their programs in relation to the requirements of specific college of dentistry, for the entrance requirements differ somewhat among the various colleges. They should obtain a catalogue from the school of their choice, and use it as a guide in selecting their courses in Fairmont. Only students with a B average, or higher will be urged to continue dental training.

A recommended schedule for a two-year pre-dental course in Fairmont State College follows:

Course	First Year Hrs.	First Year Hrs.	Second Year Hrs.	Second Year Hrs.
English 102, 104	3	3		
Chemistry 101, 102	4	4		
German 101, 102 or French 101, 201	3	3		
German 201, 202 or French 201, 202			3	3
Biology 101, 102	3	3		
Biology* 320, 321			4	4
Physics 101, 103			4	4
Chemistry 301, 303			4	4
Psychology 103	3			
Electives (Composition, Literature or Sociology)		3	2	2

*Some dental schools specifically require zoology. In most instances, biology or zoology courses will meet requirements. There normally should be an opportunity to include 3-4 hours of elective courses in the first year.

PRE-LAW CURRICULUM

Fairmont State College no longer offers a distinct Pre-Law curriculum, for the policy of law schools generally is to admit only those applicants who have been graduated with at least a bachelor's degree. Narrow curricula are no longer specified. Students, therefore, who are working toward entrance to law school should consult with the Pre-Law adviser and follow his recommendations.

PRE-MEDICAL CURRICULUM

Students planning to study medicine will find ample opportunity to prepare for this profession at Fairmont State College. Courses in the physical and biological sciences are adequate to meet the requirements of any medical college. The pre-medical student, however, should understand that medical colleges do not regard the basic sciences as the only important area in the preparatory program for the profession. Indeed the trend is definitely to favor general education over a narrow, specialized science concentration. The pre-medical curriculum at Fairmont has been developed in consideration of this trend.

Most medical colleges expect or require applicants to be graduates of a four-year college, but some students may be admitted upon completion of a three-year curriculum. Graduates of Fairmont who have completed the pre-medical curriculum with good marks are readily accepted by several outstanding medical colleges. One should know however that mediocre work is not a recommendation for entrance to any professional school. Consequently, only the better students can be confident of admission to a medical college.

SUGGESTED SCHEDULE

First Year

Eng.	102, 104	First Year Wr. & Spkn.Eng.	6 Hrs.
Hist.	111, 112	Development of Social Inst.	6 Hrs.
Chem.	101, 102	General Chemistry	8 Hrs.
Math.	221, 231	College Algebra and Trigonometry	6 Hrs.
P. Ed.	115, 116	Freshman Orientation	2 Hrs.
Biol.	101, 102	Introdution to Biology	6 Hrs.

Second Year

Eng.	202, 204	St. & App. Eng. and Am. Lit.	6 Hrs.
Soc.	201, 202	Fundamental Social Problems	6 Hrs.
Chem.	201, 241	Qual. and Quan. Analysis	8 Hrs.
Phys.	101, 102	Introduction to Physics	8 Hrs.
Fr.	101, 102	Elementary French	6 Hrs.
	or		
Germ.	101, 102	Elementary German	

Third Year

Art.	225	Hist. and App. of Art	2 Hrs.
Chem.	301, 302	Organic Chemistry	8 Hrs.
Fr.	201, 202	Second Yr. French	6 Hrs.
	or		
Germ.	201, 202	Second Yr. German	
Eng.	208	Advanced Wr. and Spkn. Eng.	3 Hrs.
	or		
Sp.	211	Public Speaking	
Biol.	321, 350	Vertebrate Zoo. and Comp. Anat.	8 Hrs.
Mus.	250	Music in Human Relations	2 Hrs.
Hist.	207 or 208	American History	3 Hrs.
Psy.	103	General Psychology	3 Hrs.

Chem. 405	Physical Chem.	4 Hrs.
Electives		30 Hrs.

PRE-MEDICAL TECHNOLOGY CURRICULUM

Any student interested in the Pre-medical Technology Curriculum should understand that fulfilling the requirements of a two-year program calls for careful planning. Moreover, this curriculum is only preparatory for further work in some institution—hospital or university—accredited for training medical technologists. The student, therefore, should place his program not only for the two-year curriculum at Fairmont State College but also for curriculum at a school of medical technology.

To be admitted to the curriculum at this college, the student must be a graduate of an accredited four-year high school and must present a minimum of one unit credit in algebra and one unit in plane geometry as a part of the entrance requirements. The college work shall include credit as follows:

English. 12 semesters—6 hours of composition and 6 hours of literature

French or German. 12 semester hours in one language.

Biological Science. 8 semester hours in general biology and zoology.

Chemistry. 20 semester hours—8 hours in inorganic, 4 hours in quantitative analysis, and 8 hours in organic.

Physics. 8 semester hours.

Physical Education. 2 semester hours.

Electives. 6 semester hours from English, History, Political Science, Sociology, and Geography.

PRE-NURSING CURRICULUM

There has been a tendancy in recent years in nursing education toward the establishment of a requirement of at least two years of college work preparatory to entering a school of nursing. Students in this curriculum are advised to use their elective hours in the direction of a broad, general education.

A suggested program of studies in Fairmont State College follows:

Course	First Year Hrs.	Hrs.	Second Year Hrs.	Hrs.
English 102, 104	3	3		
Chemistry 101, 102	4	4		
Biology 101, 102	3	3		
Language or elective	3	3	3	3
Physical Education			2	2
Literature			3	3
Psychology 103			3	3
Sociology 201-202			3	3
Electives	3-4	3-4	2-3	2-3

PRE-SOCIAL WORK CURRICULUM

The pre-professional curriculum in Social Work is designed to meet the needs of the students who plan to enter the School of Social Work at West Virginia University, or other approved schools of social work. Professional education for the many positions available for professional social workers is on a graduate basis in all accredited schools of social work. The undergraduate program, which may be obtained completely at Fairmont State College, includes broad and intensive preparation in the social sciences and related fields.

Students who choose this course must satisfy all the requirements prescribed for the Bachelor of Arts. They should elect their major in sociology, or social science and meet the requirements setup for majors in one of those fields. The program for this curriculum should be planned in consultation with the chairman of the Department of Sociology.

TWO-YEAR CURRICULA

Fairmont State College now offers several special curricula each of which require completion of 64 semester hours with a quality point average of 2.0 or better. These curricula are now available in the following areas:

- Accountancy
- Clerical
- General Education
- Secretarial

The purpose of these curricula is to provide desirable vocational training for those persons who are unable to complete an entire four-year course without interruption, and for those persons who desire some college training organized with a definite objective in mind to contrast to a more or less random selection of courses. These curricula are organized in such a manner as to be complete within themselves, while, at the same time, they will serve as preparation for the more intensive and richer four-year courses. The quality of the instruction offered will be identical with that in the four-year courses.

Fairmont State College is authorized by the State Board of Education to issue the certificate Associate in Arts or Associate in Science upon the successful completion of any of these special two-year curricula. The student, of course, may choose not to complete all the requirements of a special curriculum and continue work toward a baccalaureate degree instead. A 2.0 average for all courses attempted and for those in area of specialization is required.

ACCOUNTING CURRICULUM 66 Sem. Hrs.

Required Courses

Bus.	141	Business Mathematics	3
Bus.	201, 202	Principles of Accounting	6
Bus.	301, 302	Advanced Accounting	6
Bus.	306	Business Law	3
Bus.	406, 407	Income Tax, Indiv. & Corporate	6
Econ.	201, 202	Principles and Problems	6
Eng.	102, 104	First Yr. Wr. & Spoken Eng.	6
Sec. St.	101, 102	Begin. Typewriting and Advanced Typewriting, or	
	211	Vocational Typewriting	4
Psy.	103	General Psychology	3
Speech	101	Fundamentals of Speech or	
	107	Speech Improvement	2
Electives			21

SECRETARIAL CURRICULA 64 Sem. Hrs.

TWO YEARS

Required Courses

Bus.	141	Business Mathematics	3
Eng.	102, 104	First Year Wr. & Spkn. Eng.	6

Sec. St.	101, 102	Begin. & Adv. Typewriting	4
Sec. St.	104	Secretarial Accounting	3
Sec. St.	201, 202	Begin. Shorthand	8
Sec. St.	211	Vocational Typewriting	2
Sec. St.	251	Business Correspondence	2
Sec. St.	301, 302	Adv. Shorthand and Transcript	8
Sec. St.	311	Office Machines & Filing	2
Sec. St.	351	Sec. Office Practice	3
Psy.	103	General Psychology	3
Speech	101 or	Fundamentals of Speech	2
	107	Speech Improvement	2
Electives			18

ONE YEAR

32 Sem. Hrs.

Required Courses

Eng.	102, 104	First Year Wr. & Spk. Eng.	6
Sec. St.	101, 102 or 211	Begin & Adv. Typewriting	4
Sec. St.	104	Secretarial Accounting	3
Sec. St.	201, 202	Begin. Shorthand	8
Sec. St.	311	Office Machines & Filing	2
Electives			9

CLERICAL CURRICULA

64 Sem. Hrs.

TWO YEARS

Required Courses

Bus.	102	Principles of Business	3
Bus.	141	Business Mathematics	3
Bus.	201, 202	Principles of Accounting	6
Eng.	102, 104	First Year Wr. & Spkn. Eng.	6
Sec. St.	101, 102	Begin & Adv. Typewriting	4
Sec. St.	211	Vocational Typewriting	2
Sec. St.	251	Business Correspondence	2
Sec. St.	311	Office Machines & Filing	2
Sec. St.	351	Sec. Office Practice	3
Psy.	103	General Psychology	3
Speech	101 or	Fundamentals of Speech	2
Speech	107	Speech Improvement	2
Electives			28

ONE YEAR

32 Sem. Hrs.

Required Courses

Bus.	141	Business Mathematics	3
Bus.	201, 202	Principles of Accounting	6
Eng.	102, 104	First Year Wr. & Spkn. Eng.	6
Sec. St.	101, 102 or 211	Begin. & Adv. Typewriting	4
Sec. St.	311	Office Machines & Filing	2
Electives			11

GENERAL EDUCATION CURRICULUM

First Year

First Semester	Sem Hrs.	Second Semester	Sem. Hrs.
Eng. 102, First Year Written and Spoken English	3	Eng. 104, First Year Written and Spoken English	3
Biol. 101, Intro. to Biol. or Phy. Sci. 201, Gen. Phy. Sci.	3	Biol. 102, Intro. to Biol. or Phy. Sci. 202, Gen. Phy. Sci.	3
Hist. 111, Development of Soc. Inst.	3	Hist. 112, Development of Soc. Inst.	3
Speech 101, Fund. of Speech	2	Phil. 101, Intro. to Phil.	3
P.E. 101, or 115 Fr. Orient.	1	P.E. 111, or 116 Fr. Orient.	1
Electives	4-5	Electives	3-4
	16-17		16-17

Second Year

First Semester	Sem. Hrs.	Second Semester	Sem. Hrs.
Eng. 202, St. & App. of Eng. Lit.	3	Eng. 204, St. & App. American Lit.	3
Soc. 201, Fund. Soc. Probs.	3	Soc. 202, Fund. Soc. Probs.	3
Psy. 103, General Psychology	3	Music 205, Music in Hum. Rel.	2
Art. 255, Hist. & App. of Art	2	Electives	8-9
Electives	5-6		16-17
	16-17		

COURSES OF INSTRUCTION

Key to Abbreviations

Hrs.—Number of credit hours per course.
PR—Prerequisite.

The Plan for Number Courses

Courses 100 to 199—Courses intended primarily for freshmen.
Courses 200 to 299—Courses intended primarily for sophomores.
Courses 300 to 399—Courses intended primarily for juniors.
Courses 400 to 499—Courses intended primarily for seniors.

Schedules

Before the opening of each semester, a schedule is printed announcing the courses to be offered in that semester. Preliminary and final registration is made from this schedule. A complete schedule of all courses offered in the Summer session is printed in the Summer Session Bulletin.

ART

Miss Rhodes, Mr. Williams

141. **Art Structure** Two hours.

A basic course in the principles of design applicable to various media and techniques.

142. **Drawing** Two hours.

The development of technical skills in the use of various drawing media with a continuation of problems of composition.

241. **Drawing from Life** Two hours

Drawing from the posed model accompanied by analytical studies of anatomy.

242. **Drawing and Painting from Life.** Two-three hours.

Continuation of Art 241.

255. **History and Appreciation of Art.** Two hours.

Emphasis upon art in contemporary living. Considers the social, political, and economic impact upon historical backgrounds and modern developments in various art fields.

261. **Painting in Oil.** Two-three hours.

A course designed for those who have had no previous work in painting in oil. PR: Art 142.

262. **Painting in Oil** Two-three hours.

Continuation of 261.

278. **Ancient and Medieval Art.** Three hours.

History of Art from Prehistoric times to 1400 A.D. An analysis of the philosophical, religious, and political beliefs and conditions that produced various artistic expressions. PR: Art 255.

283. **Modeling and Sculpture.** Two-three hours.

Introductory course using clay modeling, plaster, and metal sculpture.

284. **Modeling and Sculpture.** Two-three hours.

Continuation of Art 283.

291. **Commercial Design.** Three hours.

Lettering and design for advertising, posters, and display. The approach may be from either the professional or the school point of view. PR: 141.

292. **Commercial Design.** Three hours.

Construction and arrangement of display material.

341. **Lithography.** Two hours.

A study of the methods of reproducing drawings by using the grease crayon on stone and printing from it with the offset press.

353. **Creative Expression in the Fine Arts.** Two hours.

Art related to the general educational program of the elementary school. Experience in drawing, painting, poster, and design, using various media suitable for children.

354. **Creative Expression in theApplied Arts.** Two hours.

Crafts related to the general educational program. Experience in working with clay, paper, wire, puppets, etc.

355. **Applied Problems for High School Teachers.** Two hours.

Planning and application of problems for high schools. Coordinated with the Education Department and the public schools. Designed for students who are practice teaching or for teachers in service.

361. **Painting in Oil** Two-three hours.

Still life, landscape, and figure painting in oil.

362. **Painting in Oil.** Two-three hours.

Continuation of Art 361.

363. **Painting in Watercolor.** Two-three hours.

Composition and techniques of painting in watercolor. PR: 142.

364. **Painting in Watercolor.** Two-three hours.

Continuation of 363.

377. **Italian and Northern Renaissance Art.** Three hours.

History of painting, sculpture, architecture, and the minor arts in Italy, the Netherlands, Germany, Spain, France, and England from circa 1400 A.D. to the 19th century.

378. **Nineteenth Century and Contemporary Art.** Three hours.

History of art from the 19th century to the present with an analysis of art movements.

383. **Ceramics.** Two-three hours.

Ceramic design and techniques, such as slab, coil, wheel, etc. for beginners.

384. **Ceramics.** Two-three hours.

Continuation of 383.

392. **Textile Design.** Three hours.

Designs and stencils, silk screen, and weaving. Study of contemporary designers and professional practices. Techniques applicable to high school teaching. PR: 141.

461. **Advanced Painting in Oil.** Two-three hours.

462. **Advanced Painting in Oil.** Two-three hours.

Continuation of 461.

463. **Painting in Any Medium.** Two-three hours.

The student is permitted to select the medium and then experimentally exploit all the technical and creative possibilities that it permits.

491. **Interior Design.** Three hours.

Problems of designing and furnishing the home. Considers traditional backgrounds and contemporary development.

BIOLOGICAL SCIENCE

Mr. Davisson, Mr. Creasy, Mrs. Quintrell, and Staff

BIOLOGY

101. **Introduction to Biology.** Three hours.

This course and the one following constitute a year's study of the biological principles governing living things with particular emphasis on their human implications. The approach of this course was designed especially for teachers in elementary and secondary schools by a state committee of college teachers of biology. Staff.

102. **Introduction to Biology** Three hours.

Continuation of 101. Staff.

201. **General Botany** Four hours.

Two lectures and two two-hour laboratories each week. The first part of the semester is given to the study of the structure and functioning of the seed plant. The second part includes a survey of both lower and higher forms of plants with emphasis on reproductive structures. Basic to all other botany courses. Mr. Creasy.

210. **Trees and Shrubs.** Two hours.

A study of the native trees and shrubs of West Virginia, with consideration of exotics as time permits. Propagation, pruning, plantations, woods and various other pertinent aspects of the field are studied in this course. Mr. Creasy.

220. **Invertebrate Zoology.** Four hours.

Facts and principals fundamental to an understanding of the invertebrate animals. This course is designed for majors in zoology or biology and premedical students. Mr. Davisson.

221. **Vertebrate Zoology.** Four hours.

A continuation of Zoology 220. Mr. Davisson.

224. **Microbiology.** Three hours.

Two lectures and one two-hour laboratory each week. The technique of isolating, and identifying bacteria is considered. Attention is given to the several types of disease-producing micoorganisms and methods of control. This is a general course designed to give the student an understanding of the importance of microorganisms in the life of man Mr. Creasy.

242. **Bio-Ecology.** Two hours.

A study of the relationship of living things to their environment. PR: Biol. 101-102, or equivalent. Mr. Creasy.

284. **Scientific Photography.** Two hours.

A course designed to familiarize students with the fundamentals of photography and its many applications in the field of science. Some attention is given to photomicrography. Open to students that have an interest in both photography and biology. Mr. Creasy.

310. **Plant Physiology.** Four hours.

Two lectures and two two-hour laboratories each week. All of the physiological processes of plants are considered; ascent of sap, transpiration, food synthesis, respiration, translocation, and growth and development. Prerequisite Botany 201 or its equivalent. Mr. Creasy.

315. **Field Zoology.** Three hours.

Primarily for those who teach or intend to teach biology. This course aims to familiarize students with the animal life of the state and its natural surroundings and includes the collection, identification, and study of habits of the various forms found in this region. PR: Biol. 101-102, or equivalent. Mr. Davisson.

322. **Ornithology.** Two hours.

Field and laboratory studies on the structure, identification, migration, protection, nesting, and food habits of birds. Mr. Davisson.

330. **Field Botany** Three hours.

One lecture and two two-hour laboratories each week. Designed for those who plan to teach. The various groups of plants are considered in the field and laboratory with emphasis on the seed plants. Some attention is given to ecology. Mr. Creasy.

340. **The Plant Kingdom.** Three hours.

Two lectures and two two-hour laboratories each week. Deals with the structual characteristics of the great plant groups through the bryophytes. Their organization, development, and reproductive structures are considered in detail. Teaching materials are compiled, techniques developed, and there are field trips on occasion. Mr. Creasy.

341. **The Plant Kingdom.** Three hours.

Two lectures and two two-hour laboratories each week. Continuation of Morphology 340 but may be taken as an independent unit. This course covers the vascular plants including the ferns, gymnosperms, and angio-sperms. Mr. Creasy.

342. **Plant Ecology.** Two hours.

Two one-hour lectures each week. This study of structural adaptations of plants for survival in their physical or biological environments. Plant geography is considered. Field trips on occasion. Mr. Creasy.

350. **Comparative Anatomy of Vertebrates.** Four hours.

Organ systems of various vertebrates and facts of interest concerning these animals. Mr. Davisson.

361. **Plant Histology.** Two to four hours.

Lectures and practical instructions in the preparation of permanent as well as temporary slides of microscopic observation of plant tissues. Various methods of killing, sectioning, and staining are learned. Prerequisite Botany 201. Mr. Creasy.

371. **Plant Anatomy** Three hours.

Two lectures and one two-hour laboratory each week. Studies of the fundamental tissue organization of the higher plants. Development and differentation of cell types and structures as related to functions are considered. Prerequisite Botany 201.

380. **Introduction to Genetics.** Three hours.

Elementary studies of the principles of heredity. PR: Biol. 101-102, or equivalent. Mr. Davisson.

390. **The Biology of Endocrines.** Three hours.

A study of the structure and function of the endocrine glands of animals and man, their products and interactions. A survey of natural and synthetic plant hormones is also included Mrs. Quintrell.

410. **Histological Technique.** One-four hours.

Preparation of animal tissues for microscopic study. Mrs. Quintrell.

411. **Histology.** Two-three hours.

The study of animal tissues. Mrs. Quintrell.

415. **Problems in Biological Sciences.** One-four hours.

This course is designed for students who have a specific problem in the field of Biology. Open only to students of superior ability who have at least 20 hours credit in the field of biology. Staff.

420. **Vertebrate Embryology.** Four hours.

Introductory study of the developments of the vertebrates, dealing chiefly with the frog, chick, and mammal. Mrs. Quintrell.

450. **Human Physiology.** Four hours.

An introductory course dealing with the functions of man. Mrs. Quintrell.

460. **Biological Colloquim.** One hour.

A seminar for biology majors. Staff.

480. **Principles of Evolution.** Two hours.

An introduction to the study of evolution. PR: 101-102, or equivalent. Mr. Davisson.

BOTANY
(See Biology)

BUSINESS ADMINISTRATION

Mr. Jaynes, Mr. Cole, Mr. Dunn, Mr. Hough, Mrs. Pinto, Mr. Potesta

102. **Introduction to Business.** Three hours.

A survey of the various fields of business designed to acquaint the student with the basic principles, practices, and employment opportunities of each field. The student is provided, early in his college training, with the information of, and preparation for, the advanced courses in business to aid in choosing his major studies. Mr. Dunn.

141. **Business Mathematics.** Three hours.

This course is designed to provide knowledge and skill in the computation of the practical problems of a business. The course content should form a sound basis for further study in the following areas: accounting, investments, business finance, money and banking, insurance, and related business subjects. Special emphasis will be directed to review of the basic arithmetic skills. The course is designed to meet the requirements for mathematics for students in business administration. Mr. Cole.

201. **Principles of Accounting.** Three hours.

Fundamental bookkeeping procedures. Organization of accounts, journalizing and posting, expense and revenue accounts, adjustments and closing procedures, and the preparation of financial and operating statements for individual proprietorships. Mr. Potesta.

202. **Principles of Accounting.** Three hours.

Continuation of 201, introducing accounting concepts applicable to partnerships and corporations, including manufacturing concerns. Mr. Potesta.

203. **Accounting for Small Business.** Three hours.

A basic course designed to acquaint business men and industrial personnel with the fundamental bookkeeping and accounting practices. Attention will be directed to the reading and interpretation of financial statements and ledgers to facilitate business management and control. The Staff.

205. **Salesmanship.** Three hours.

A study of techniques appropriate to personal selling, both retail and contact. Students are given opportunities to construct and give sales presentations. Mr.Cole.

300. **Principles of Retailing.** Three hours.

A study of the history, financing, organization, operation, and trends of the modern retail store. With the use of individual and committee projects, students will construct complete plans for a model retail store. Mr. Dunn.

301. **Advanced Accounting.** Three hours.

Interpretation and use of accounting data. Accounting theories applicable to the evaluation of assets and determination of liabilities and net work. PR: Bus. 201, 202. Mr. Potesta.

302. **Advanced Accounting.** Three hours.

Continuation of 301. Accounting for partnerships, installment sales, consignment sales, branch accounting, consolidated statements, and estates and trusts. PR: Bus. 301. Mr. Potesta.

304. **Marketing** Three hours.

A study of those business activities necessary to effect transfers in ownership of goods and to provide for their physical distribution. PR: Econ. 201, 202 or consent of instructor. Mr. Cole.

306. **Business Law.** Three hours.

Introduction to study of our legal system, courts and procedure, fundamentals of the law of contracts, agency and negotiable instruments. Mr. Potesta.

307. **Business Law.** Three hours.

Continuation of 306. Fundamentals of the law of sales, partnerships, corporations, and the legal basis of property as applied to business situations. Bus. 307 will not satisfy 3 hour requirement in the teaching field of Commerce-Business Principles. Mr. Potesta.

308. **Personnel Management.** Three hours.

A study of the field of personnel management and industrial relations including its background, development, job analysis, description and classification, selection, training, wage plans, collective bargaining, personnel records, and research. Mr. Jaynes.

309. **Industrial Organization and Management.** Three hours.

A study of the problems of the organization and management of an industrial plant, including the selection of plant location, factory buildings, plant layout, power, heat, light, purchasing, etc. Mr. Jaynes.

310. **Statistics. (offered in alternate years)** Three hours.

The course includes computation of statistical measurements, methods of collecting and analyzing data, and the interpreting of results. Mr. Jaynes.

312. **General Insurance** Three hours.

A course designed to acquaint the student with the various types of insurance, both personal and business, to better prepare him to make his own insurance plans as well as to inform him concerning the many types of insurable risks. Mr. Jaynes.

314. **Office Management** Two hours.

The study of office management principles, analysis of office procedures, filing, transcribing, correspondence, reports, business machines and forms. The application of personnel management techniques to office management; office organization, office layouts. Staff.

320. **Principles of Advertising.** Three hours.

A survey course of the social, psychological, and some technical aspects of advertising. For Business and Journalism students. Mr. Cole.

404. **Cost Accounting.** Three hours.

Elements and methods of cost finding. Methods of collecting and recording the cost of material, labor and burden in factory production. Introduction to concepts of job order, process cost, and standard cost accounting. Mr. Hough.

405. **Auditing.** Three hours.

Duties and responsibilities of auditors, methods of verification of balance sheet and profit and loss accounts, preparation of working papers, schedules, audit reports, and certificates. PR: Bus. 201, 202, 301, 302, 404. Mr. Hough.

406. **Federal Income Tax Accounting: Individual.** Three hours.

Preparation of income tax returns from the accounts of an individual; exclusions and inclusions for gross income, capital gains and losses, business expenses and other deductions. Staff.

407. **Federal Income Tax Accounting: Partnership and Corporation.** Two-three hours.

Continuation of 406, including preparation of income tax returns from accounts of partnerships, estates and trusts, and corporation. PR: Bus. 406. While previous accounting knowledge or experience will be helpful, no prior accounting training, knowledge, or experience is required. Staff.

410. **Investments.** Three hours.

A study of the principles of investment procedures and practices to follow in investing money. Included in the course are the following: methods of statistical analysis; types of investment securities; sources of information; municipals; governments; investment trusts; the stock market, etc. Mr. Jaynes.

416. **Sales Management. (offered in alternate year)** Three hours.

A study of controlling the activities of salesmen and the management of sales promotion; advertising and research. Attention will be given to the selection of sound sales objectives, determination of general marketing policies, analysis of selling functions, and the development of a sales staff with good moral, cooperation, and discipline. PR: Bus. 205 or consent of instructor. Mr. Dunn.

417. **Credits and Collections. (offered in alternate years)** Three hours.

A study of consumer credit management, mercantile credit management, and technical and legal aspects of collection, and credit and collection control. PR: Bus. 304 recommended but not required. Mr. Cole.

CHEMISTRY

Mr. Haught, Mrs. Swiger, and Staff

101. **General Chemistry.** Four hours.

The beginning course in college chemistry; has no prerequisities. Offered only in the fall semester and first term of the summer session.

102. **General Chemistry.** Four hours.

The second half of the first year of beginning college chemistry. Offered only in the spring semester and the second term of the summer session. PR: Chem. 101.

201. **Qualitative Analysis.** Four hours.
Required of all students who major in chemistry. PR: Chem. 102.

240. **Quantitative Analysis.** Four hours.
Gravimetric analysis. Required of all students who major in chemistry. PR: Chem. 102.

241. **Quantitative Analysis.** Four hours.
Volumetric analysis. Required of all majors in chemistry. PR: Chem. 102.

301. **Organic Chemistry.** Four hours.
A study of the aliphatic hydrocarbons and their derivations. Required for chemistry majors, predental and premedical students. Recommended for students preparing to teach high school science.

302. **Organic Chemistry** Four hours.
A study of the aromatic hydrocarbons and their derivations. PR: Chem. 301.

402. **Special Problems.** Two-three hours.
PR: Consent of the instructor.

405. **Physical Chemistry.** Four hours.
PR: Chem. 240-241; Math. 241; Physics 102.

406. **Physical Chemistry.** Four hours.
PR: Chem. 405.

ECONOMICS

Mr. Jaynes, Mr. Cole, Mr. Dunn, Mr. Potesta

101. **American Business and Industry.** Three hours.
A study of the principal American industries with emphasis on their contributions and place in the American economy. A text covering the development of some of the principal industries of America is assigned reading. Each student is given the opportunity of viewing a number of films picturing present day industrial processes. Mr. Dunn.

201. **Economic Principles andProblems.** Three hours.
Fundamental economic concepts with exercise in solving elementary problems. National income and the employment of resources. (This course should be selected by economics and business majors or by non-majors who need at least 6 hours of economics and who will continue with Economics 202). Staff.

202. **Economic Principles and Problems.** Three hours.
Distribution of economic factors of production. Management and control of economic resources. Government finances. International economics. Personal distribution and use of income. Types of economic systems. As in the first semester, those topics will be supplemented with exercises in the solution of elementary problems. PR: Econ. 201. Staff.

302. **Economics of Labor.** Three hours.

Labor economic theory. Wage theory. Labor unions. Union organizations and tactics. Union weapons. Employer weapons and tactics. Strikes. Labor and social legislation. Labor history. Government and labor. Mr. Jaynes.

303. **Money, Credit, and Banking.** Three hours.

An intensive study of money and credit principles with an analysis of their effects upon prices. History of banking. Banking principles and practices. PR: Econ. 201. Mr. Jaynes.

305. **Economic Principles.** Three hours.

This course is planned for those students who possess only a general interest in the field of economics. It deals with basic facts, concepts, and relationships necessary to understand our economy. (This course should be selected by those students who need only 3 hours of economics. If at least 6 hours are needed, the student must select Econ. 201 and 202. This course is NOT a substitute for either of them. This course should not be selected by economics and business majors). Staff.

307. **Personal Finance.** Three hours.

A study of the problems a consumer must face in his or her day-to-day buying and living. It includes a brief survey of budgets, life insurance, investments, managing personal finances, buying services, and other problems of the consumer. Primarily intended as a general education course for non-majors. Mr. Jaynes.

406. **Guided Economy Study.** One-three hours.

Intensive reading, research, and study in current literature and documents in regard to a selected economic problem or group of problems. The field of study will be one in which the student has a special interest. All work will be done individually and the class will be conducted by conferences with each student. PR: 18 hours of Economics, Business, and Social Science courses. Staff.

407. **Advanced Economic Problems.** Two hours.

A course especially designed for seniors who are to graduate in the year in which the course is taken. Its purpose is to give the student a final review of the basic principles as applied to present day economic problems. Staff.

EDUCATION

Mr. Howard, Mr. Harvey, Miss Marple, Mr. Taylor, Mr. Yost, Mrs. Willard

100. **Introduction to Education.** Two hours.

This is primarily an orientation course for college freshmen who are considering the field of teacher education as an area of specialization. It is a prerequisite for Ed. 202. Not open to students who have credit in six hours or more of professional education.

202. **Human Growth and Development.** Three hours.

The aim of this course is to develop an interest in and an understanding of the child as a developing personality. Laboratory and field work are required. PR: Ed. 100.

203. **Human Growth and Development.** Three hours.

This course emphasizes learning as a means of growth and development. Laboratory and field work are required. PR: Ed. 202.

226. **Primary Methods.** Three hours.

This course includes three semester hours of primary methods covering grades 1-3. It is designed to provide for the needs of students preparing for the Third-Class Elementary Certificate and for Curricula B and C certification. PR: Ed. 202, 203.

250. **Observation and Directed Teaching: Third Class Elementatry Certificate.** Three hours.

Students teaching must be on two levels; primary, and intermediate or upper grade level. PR: Ed. 202, 203, 226.

306. **Tests and Measurements in the Public Schools.** Two hours.

The purposes of this course are to acquaint the prospective teacher with the principles of measurement and evaluation, and to give definite instruction and practice in test construction and use. PR: Ed. 202, 203.

336. **Intermediate and Upper Grade Methods.** Three hours.

This course is designed for students working toward a First or Second Class Elementary Certificate. It deals with methods in grades four through eight.

341. **Methods for Teaching Reading in the Secondary School.** Two hours.

This course is specially designed to teach the fundamental principles of reading in three areas: (A) Development, (B) Functional, (C) Recreational.

395. **Survey of Guidance.** Three hours.

Principles of educational, vocational, and personal guidance are examined. Guidance techniques are studied. PR: Ed. 202, 203.

420. **Observation and Directed Teaching: Curriculum B.** Two-seven hours.

Student teaching must be on two levels. PR: Ed. 202, 203, 226, 336, and consent of the instructor.

424. **Audio-Visual Aids. II.** Two hours.

Techniques of effective use of graphic materials, unprojected pictures, objects, specimens, models, field journey, projected pictures, and audio aids. Required laboratory work includes operation of sound motion picture projectors, slide film, and opaque projectors, and phono-transcription audio equipment.

425. **Observation and Directed Teaching: Curriculum C.** Seven hours.

A minimum of two consecutive hours must be reserved for this course. Observation and student teaching are required on three levels: Primary, intermediate or upper grade (including junior high), and senior high school. Enrollment during two semesters will be required to earn six hours. PR: Ed. 202, 203, 226, 325, 422.

431. **Materials and Methods.** Two hours.

A course in special methods. Chairmen of departments of subject matter fields requiring unique and special methods may offer this course in cooperation with the Department of Education after securing approval. PR: 202, 203, 432.

432. **Principles and Methods of Teaching in the Secondary School.** Four hours.
A survey of the basic principles of learning and of the techniques of teaching in the secondary school. Observation in the public junior and senior high schools is required. PR: Ed. 202, 203, and consent of the instructor.

450. **Observation and Directed Teaching: Curricula A.** Six-seven hours.
Observation and student teaching are required in two areas of concentration or teaching fields. PR: 432.

455. **Philosophy of Education.** Two hours.
An evaluation of the theories and practices involved in the resolution of problems of school education. Students who, because of advanced standing or academic maturity, did not take Ed. 100 will take this course. PR: Ed. 202, 203.

ENGLISH

Mr. Weihe, Miss Tate, Mrs. McCarty, Mr. Opp, Mr. Rhodes
Miss Musick, Mr. House, Miss Copeland, Miss Lough, Mr. Ryals

102. **First Year Written and Spoken English.** Three hours.
College-level training in writing and speaking good English, including a short review of grammar, sentence structure, and punctuation; attention to the organization and development of thought, both in student compositions and in expository reading material; guidance in the use of reference books.
Staff.

104. **First Year Written and Spoken English.** Three hours.
A continuation of English 102, with emphasis on reading for implication and critical evaluation; further writing projects, including a research paper.
Staff.

English 102 and 104 are prerequisities for all English courses numbered 200 or above.

202. **Study and Appreciation of English Literature.** Three hours.
The formulas of literary criticism applied to selections representing types and forms in this literature from the earliest times to the present. English majors will substitute Eng. 251-252 for this course.
Mr. Weihe, Mrs. McCarty, Staff.

204. **Study and Appreciation of American Literature.** Three hours.
A concentrated study of poetry and prose representing types and forms in this literature. Selections considered are chosen from the Pre-Romantic period to the present. English majors will substitute 261-262 for this course.
Mrs. McCarty, Mr. Opp, Miss Tate, Staff.

207. **Backgrounds of Literature.** Three hours.
A survey of literature desirable for children; development of principles of selection and standards of evaluation; wide acquaintance with current books.
Miss Tate.

208. **Second Year Written and Spoken English.** Three hours.
Development of ability to communicate in clear, effective, correct English, with emphasis on preparation and delivery of representative types of speech. PR: English 102, 104.
Staff

251. **Survey of English Literature.** Three hours.

A study of the mind and temper of the English people as seen in their literature from Beowulf to the Romantic Movement.

Mrs. McCarty, Mr. Opp.

252. **Survey of English Literature.** Three hours.

A continuation of Eng. 251 through the nineteenth and early twentieth centuries. Mrs. McCarty, Mr. Opp.

261. **Survey of American Literature.** Three hours.

An historical study of the American mind as expressed in literature from Colonial times to Hawthorne. Mr. Weihe, Miss Tate.

262. **Survey of American Literature.** Three hours.

A continuation of Eng. 261 to the literature of present time.

Mr. Weihe, Miss Tate.

302. **Narrative and Descriptive Writing.** Two hours.

Practice in writing the simpler forms of fiction and personal narrative with descriptive detail.

306. **Advanced Technical Composition.** Three hours.

A course designed to provide practice in the writing of expository articles and reports of a technical nature and largely in the field of engineering. PR: 102, 104. Mr. Rhodes.

311. **Poets of the Romantic Period.** Three hours.

A concentrated study of representative poems of Burns, Wordsworth, Coleridge, Byron, Shelley, and Keats. Mr. Rhodes.

312. **Poets of the Victorian Period** Three hours.

A concentrated study of representative poems of Tennyson, Browning, Rossetti, Arnold and Swinburne. Mr. Rhodes.

313. **Shakespeare.** Two hours.

A study of representative comedies. Mr. Rhodes.

314. **Shakespeare.** Two hours.

A study of representative tragedies. Mr. Rhodes

315. **The Essay.** Three hours.

Critical readings in representative English and American essayists.

Miss Tate, Mr. Opp.

317. **Word Study.** Two hours.

A course in the study of the origins and development of the English vocabulary. Mr. Weihe.

317b. **Word Study—A Continuation of English 317.** Two hours.

Studies in semantics, in synonyms, idioms, foreign phrases, vocabularies of the fields of action. Mr. Weihe.

318. **Modern Drama.** Two hours.

The history of the British drama and the study of modern dramas—Continental, British, and American—from Ibsen to the present time.

Miss Tate.

321. **A Study of the English Language.** Three hours.

Word history and analysis; diction; descriptive grammar and constructions; fundamentals of composition. PR: English 102, 104. Required of all prospective teachers of English. Miss Tate.

322. **The Modern Short Story.** Two hours.

A critical study of this art form as a representation of dramatic motivation in human experience, based upon the work of British, Continenal, and American authors. Mr. Weihe, Mr. Opp.

324. **The Modern Novel.** Three hours.

An historical and critical study of great British and American novels of the nineteenth century. Mr. Opp.

325. **The Modern Novel.** Three hours.

An historical and critical study of great British and American novels of the twentieth century. Mr. Opp.

328. **The Current Scene in Literature.** Two hours.

A course showing present-day attitudes as reflected in the work of American and foreign writers. Mr. Weihe.

329. **The Current Scene in Literature.** Two hours.

A continuation of the preceding. Mr. Weihe.

330. **The Old Testament as Literature.** Three hours.

A study of the literary types and content of the Old Testament. Mr. Rhodes.

331. **The New Testament in Literature.** Three hours.

A study of the literary types and content of the New Testament. Mr. Rhodes.

341. **Survey of World Literature.** Three hours.

A study in translation of some of the great writers of the world, exclusive of English and American; from Homer through Dante. PR: English 102, 104. Mr. Weihe.

342. **Survey of World Literature.** Three hours.

A continuation of 341 covering the period from the Renaissance to modern times. PR: English 102, 104. Mr. Weihe.

413. **Expository Writing** Two hours.

Study and practice of the various kinds of expository writing with special emphasis upon the skilled production of research papers. Mr. Rhodes, Miss Tate, Mr. Weihe.

FRENCH

(See Languages—Modern Foreign)

GEOGRAPHY

Mr. Naegele

101. **Principles of Geography.** Two hours.

This course is a general introduction to the study of geography. It is intended to acquaint the student with geographical terminology and methods and provide a general treatment of the elements of geography. Staff.

210. **World Regional Geography.** Three hours.

An introductory course in geography with major attention to the principles and concepts of the subject and a detailed study of the geographical regions of the world. Staff.

305. **World Political Geography.** Three hours.

An introduction to the field and methods of political geography and the application of these methods in an analysis of the power relationships of modern states. Staff.

GEOLOGY

Mr. Naegele

201. **Physical Geology.** Three hours.

This course is given to a description of the composition and structure of the earth and the physical processes bringing about changes of the surface of the earth.

302. **Historical Geology.** Three hours.

The geologic history of the earth and the evolution of animal and plant life as revealed by the rocks.

GERMAN

(See Languages—Modern Foreign)

HEALTH

Staff

102. **Personal Health.** Two hours.

This course consists of a study of the individual health of the student. Mr. Wilson.

241. **First Aid and Safety Education.** Two hours.

Study of immediate, temporary treatment in cases of accident or sudden illness prior to medical aid. Mr. Duvall.

302. **Community Health.** Two hours.

A study of community health problems with especial attention given to those calling for the cooperative action of the general public and the health services. Miss Walters.

306. **Marital Relations.** Two hours.

Problems of the individual with relation to marriage, personality, parenthood, sex, counseling and the teaching of marital relations. Mr. Wilson.

308. **School Health Problems.** Two hours.

Survey of school programs, school health services and interrelationships. Miss Walters.

404. **Physical Inspection and Care of Athletic Injuries.** Two hours.

Physical inspection and correction of remedial defects, and care of athletic injuries. Mr. Davis.

HISTORY

Mr. Smith, Miss Ayers, Miss Evans, Mr. Turner, Mr. Van Brocklin

111. **Development of Social Institutions.** Three hours.

A survey of the history of man—his governmental, economic, social, religious, intellectual, and esthetic activities in Europe, Asia, Africa, and in the Americas—from the earliest times to the beginning of the modern era. Staff.

112. **Development of Social Institutions.** Three hours.

A survey of the history of man—his governmental, economic, social, religious, intellectual, and esthetic activities in Europe, Asia, Africa and in the Americas—from the beginning of the modern era to the present time. Staff.

205. **Contemporary Affairs.** Two hours.

A study of the contemporary political, economic, social, and intellectual affairs in the United States and their relationship to important developments elsewhere in the world. Staff.

207. **The United States to 1865.** Three hours.

A survey course in United States history from the Age of Discoveries to the end of the Civil War. Staff.

208. **The United States Since 1865.** Three hours.

A survey course in United States history from the end of the Civil War to the present time. Staff.

221. **Modern Europe from the Renaissance to the Congress of Vienna.** Three hours.

This course offers a survey of the political, social, and cultural developments within the limits indicated by the title. Staff.

222. **Modern Europe Since 1815.** Three hours.

An integrated study of political, economic, social, and ideological situations and movements which have resulted in the contemporary challenge to world order. Mr. Turner.

302. **History of West Virginia.** Three hours.

A study of West Virginia from the first settlements to the present time. Mr. Smith.

304. **The United States and Latin America.** Two or three hours.

A study of the interrelation of the United States with the states of Latin America from the discovery of America to the present. Staff.

305. **History of Latin America.** Three hours.

A survey of the history of Latin America from the Spanish Conquest to the present. Staff.

307. **England to the Glorious Revolution.** Three hours.

A survey of English history from Celtic times to the Glorious Revolution in 1688. Miss Ayers.

308. **England Since the Glorious Revolution.** Three hours.

A survey of English domestic and imperial history from 1688 to the present. Miss Ayers.

312. **Diplomatic History of the United States.** Three hours.

A study of the foreign relations of the United States and the development of basic American foreign policies from the colonial period to the present. Mr. Smith.

315. **Colonial America.** Two hours.

An intensive study of the American colonies from their beginnings to the end of the Revolutionary War. Staff.

316. **Jeffersonian and Jacksonian Democracy.** Two hours.

A study in the development of political, legal, and economic ideals during the period 1783-1840 with particular emphasis on the Federal Constitution and its elaboration at the hands of the Supreme Court. Staff.

317. **The American Civil War.** Three hours.

A study of the causes, conduct and results of the American Civil War. Staff.

318. **The Westward Movement.** Three hours.

A study of the American frontier and of its westward migration. Staff.

320. **Economic History of the United States.** Two or three hours.

A survey of the economic development of the United States from the colonial period to the present. Staff.

340. **Europe from 1870 to 1919.** Three hours.

A study of the development of the European nations and their participation in world affairs from 1870 to 1919. PR: 112 or equivalent. Mr. Turner.

341. **Europe from 1919 to the Present.** Three hours.

A study of the development of the European nations and their participation in world affairs from 1919 to the present. PR: 112 or equivalent. Mr. Turner.

360. **History of Western Thought.** Three hours.

A study of the principal thinkers and schools of thought in the development of the western intellectual tradition from Greek and Roman beginnings to the present time. Particular emphasis is placed on the interaction of intellectual movements with the general historical developments of each period. Mr. Turner.

401. **Reconstruction and National Development.** Three hours.

A detailed study of the Reconstruction period and of the national development of the United States during the period 1865-1898. Staff.

402. **Contemporary Europe.** Three hours.

A study of international conflict in the twentieth century, the attempt to establish a basis for world order, and the revolt against European colonialism. PR: Hist. 112 or equivalent. Mr. Turner.

410. **United States Since the First World War.** Two or three hours.

An intensive study of the history of the United States from the First World War to the present with emphasis on the participation of the United States in world affairs. Staff.

421. **History of Russia.** Three hours.

This course briefly traces Russian national development from its origins to the time of Peter the Great; Czarist absolutism during the 18th and 19th centuries is treated in greater detail. About one-half of the class time is given to the study of the communist state and to Russia's contemporary international relationships. Miss Ayers.

422. **History of the Far East.** Three hours.

A brief survey of the cultural development of China, Japan and Korea to 1800, and a more detailed analysis of the impact of the West upon these areas from 1800 to the present. Miss Ayers.

423. **History of Southeast Asia.** Two hours.

A survey of Southeast Asia with primary emphasis on India and Pakistan as a culture center. Major topics include: Western colonialism, movements of nationalism, problems of independence, and international relations. Miss Ayers.

460A. **Guided Historical Study.** One-two hours.

A supervised reading program in the field of American history designed to acquaint the student with the major writings in the field. Staff.

460B. **Guided Historical Study.** One-two hours.

Intensive reading on a topic or problem of European history selected upon consultation with the instructor. PR: Consent of the instructor. Staff.

462. **Methods of Research and Bibliography.** Three hours.

An introduction of the materials and methods of historical research. Staff.

HOME ECONOMICS

Miss Hall, Mrs. Hess

*Courses open to all students

**Courses open to all women

101. **Elementary Clothing. Two hours.

Basic construction processes used in simple garments for sports, school, and street wear. Problems are adapted to previous experience. Miss Hall.

102. **Advanced Clothing Construction. Three hours.

The use of detailed and tailored finishes and problems of fitting and management in the construction of suits and varied types of clothing. Miss Hall.

*103. **Principles of Clothing Selection.** Two hours.

An analysis of family and individual needs in planning the wardrobe and selecting clothing from the standpoint of economy, becomingness, use and maintenance. Miss Hall.

*110. **Elementary Nutrition.** Two hours.

Essentials of an adequate diet; application with particular reference to needs of college student. There will be some laboratory demonstration work in this course. Mrs. Hess.

*201. **Elementary Foods.** Three hours.

Application of recent theories of food preparation and preservation as they affect the nutritive value, flavor, and appearance of food. Foods prepared are incorporated into family meals. Mrs. Hess.

*202. **Advanced Foods.** Three hours.

Continuation of Home Economics 201; meal services with emphasis on planning, preparing and serving family meals, that will teach management of time, energy, and money. Mrs. Hess.

*210. **Textiles.** Three hours.

Development of an understanding of the effect of fiber content, construction, and finish on the quality, serviceability, care, and cost of clothing and household fabrics. Miss Hall.

230. **Handicrafts. Two-three hours.

Practical leisure activities for constructing useful and beautiful objects. Helpful to playground or camp workers. Techniques in weaving on large and small looms, basketry, stenciling, stitchery, etc. Miss Hall.

*232. **Recreational Cookery.** Two hours.

Learning the essential cookery skills; outdoor cookery, brunches, buffet dinners, teas, coffees, with some foreign foods and meals. Mrs. Hess.

301. **Fundamentals of Clothing Construction.** Three hours.

A laborary course, designed for evening students, emphasizing efficient use of time, money, energy in construction of appropriate clothes for the individual or family. Miss Hall.

302. **Meal Management.** Three hours.

Meal preparation and table service from the viewpoint of economy of time, effort, and money. A variety of meals will be prepared and served—family, buffet, brunch, coffees. Preparation of special foods—teas, parties, and other social functions. This course is designed specially for non major. Mrs. Hess.

303. **Nutrition.** Three hours.

The six food nutrients—characteristics and functions in the normal diet of adults and children. Nutritive value of raw and cooked foods. Calculation of dietaries and preparation of exhibits. PR: H. E. 201, 202. Open to non-majors by consent of instructor. Mrs. Hess.

*305. **Nutrition in the Public Schools.** Three hours.

Essential nutrition information for the teacher in the public school. Materials and methods of presenting nutrition facts to children. The federal school lunch program as an integral part of the school program. Recommended for "B" curriculum. Mrs. Hess.

*307. **Family Clothing.** Two hours.

The selection and construction of clothing for various members of the family from the physiological, economic, aesthetic, and psychological standpoint. Special consideration will be given to renovation problems and clothing for children. Miss Hall.

310. **Family Life Education. Two hours.

Study of family experiences and cultural environment influencing personality development. Interaction of family members through all phases of family living. Evolution of the family from institution to companionship family. Mrs. Hess.

*312. **Consumer Education.** Three hours.

To learn the art of selecting consumable goods and the factors affecting the selection—such as labeling, advertising, credit, insurance, and contracts; source material provides consumer information; the consumer movement and legislation for consumers. Mrs. Hess.

315. **Home Management.** Three hours.

A study of the management of family resources; human, financial, material, and mechanical. Practical management problems used. One third time is used for selection, performance, and care of house equipment.
Miss Hall, Mrs. Hess.

*320. **Home Planning and Furnishing.** Four hours.

Designed to help the family use its resources advantageously in the selection of housing. Development of discrimination in the selection and arrangement of furnishings. Opportunities for experience in using color. texture, pattern in practical problems. Miss Hall.

*330. **Child Care and Development.** Two hours.

The training of the child from pre-natal period through the pre-school period. Habit training and development of the child—physical, social, emotional, and spiritual training—are included. Mrs. Hess.

340. **Quantity Cookery.** Three hours.

Application and principles of selection and cookery to large quantity preparation. Menu making, food standards, food cost, and food service are stressed. Operations and use of equipment practiced. Laboratory in college food service. PR: H. E. C. 303. Mrs. Hess.

351. **Applied Design. Two hours.

The development of simple designs, color combinations, and texture combinations in relation to accessories for home and clothing. Articles—table linens, aprons, bags, rugs, etc. Miss Hall.

402. **Tailoring (Formerly Advanced Dressmaking).** Three hours.

The construction of a dress, suit, and accessories with emphasis on selection of fabric, fitting, and tailored details. Designed for evening students. Consult instructor for prerequisities. Miss Hall.

403. **Costume Design.** Two hours.

Gives an oportunity for the girl to express creativeness by draping, drafting, and pattern adaptation of garments suitable to her figure. Attention is given to fitting. Prerequisites 101, 102, or consent of instructor.
Miss Hall.

406. **Home Economic Techniques.** Two hours.

Required for teachers. The philosophy and goals of home economics, the organization of teaching materials; experience in techniques of planning, discussion, demonstration, display, evaluation. Miss Hall, Mrs. Hess.

410. **Advanced Textiles.** Three hours.

Fabric analysis and fabric testing for quality and probable serviceability in relation to use. PR: Home Ec. 210. Miss Hall.

INDUSTRIAL ARTS*

Mr. Johnson, Mr. Fowler, Mr. Leonard, Mr. Wise

103. **General Wood Work.** Three hours.

A beginning course of wood work in which materials, tools, tool processes, fastenings, and construction are studied. Construction work consists of projects embodying typical tool operations and an introduction to power machines. Mr. Fowler, Mr. Johnson.

110. **General Shop.** Three hours.

This course is designed for those students who have had no industrial education training before coming to this college. Industrial education majors and minors with no previous work in this field should take this course first, also students wishing to discover their interests or aptitudes or to broaden their educational outlook. Mr. Fowler.

113. **Mechanical Drawing.** Three hours.

This course is planned to include the following topics: Care and use of instruments, lettering, orthographic projections, use of auxiliary projections, tracing and blue printing. Mr. Wise.

120. **Materials of Industrial Arts.** Two hours.

A study of the many materials which are to be used in the technical courses which follow. Emphasis is given to the sources and manufacturing techniques which gives each material its particular qualities. Mr. Johnson.

130. **General Electricity.** Three hours.

A study of electrical theory followed by laboratory practice. Bell circuits, house wiring, flourescent lighting, and wiring, and the repair of household appliances will be studied. The making of a miniature motor will be included in the shop projects. Mr. Wise.

140. **General Drawing.** Three hours.

A study of drawing as the universal language of industry. This course is on the college level for beginners. It includes lettering, orthographic projection, developed surfaces, sectional views, working drawing, and blue printing. Mr. Wise.

200. **General Machine Shop.** Three hours.

A beginning course in the fundamental hand and machine tools. Study will involve care and operation of the lathe, drill press, power hack saw, Do-All, and surface grinder. Material and tool specifications will be introduced. Mr. Leonard.

209. **Machine Drawing.** Two hours.

A course in which the characteristics of metals and machine parts are studied. Typical machine elements such as screw threads, cams, and gears are drawn and blueprinted. Mr. Wise.

214. **General Crafts.** Three hours.

Craft work in plastics, leathers, and metals. A study will be made of plastics and their uses. Leathercrafts will involve designing, tooling, and surface enrichment. Metal craft will be in copper, brass, silver, and stainless steel involving forming, embossing, chasing, planishing, etching and springing. Mr. Fowler.

220. **Sheet Metal.** Two hours.

A beginning course including instruction in laying out surface patterns, making useful articles involving typical stretch outs, joints, wiring, soldering, and riveting. Mr. Fowler.

230. **Electricity.** Two hours.

A study of electrical theory followed by laboratory experiments and practice. Motor and generator circuits, elementary transformer windings, and methods of current control will be studied. PR: 130. Mr. Wise.

242. **Architectural Drawing.** Two-three hours.

A course in the study of houses. It includes architectural lettering and conventions, plans and elevations, and a study of building materials and specifications. PR: 140. Mr. Wise.

300. **Blueprint Reading.** Two hours.

A course in the reading of the prints and drawings most commonly found in industrial operations. Emphasis will be placed on the development of speed and accuracy in the use of working drawings. The use of the slide rule as an aid in all types of problems involving more than simple arithmetic computation common to the building and metal working trades. Mr. Johnson.

303. **Furniture Construction and Design.** Two hours.

Emphasis will be placed upon the study of furniture design and construction. The student will plan completely for projects to be made in 304. PR: 103. Mr. Fowler, Mr. Johnson.

304. **General Cabinet Making.** Three hours.

A continuation of 303. The project will be made in conformity with the drawings and specifications developed in the previous course. Advanced work in the use of machine tools, techniques and processes will be stressed. A high level of craftmanship will be maintained. PR: 103, 303. Mr. Fowler, Mr. Johnson.

308. **Wood Finishing.** Two hours.

A survey course in the materials and methods commonly used in the finishing of furniture and similar articles, and readily applicable to use in High School shop situations. The various types of dyes, stains, shellacs, varnishes, lacquers, and sealers will be used on sample panels. PR: 101. Mr. Johnson.

310. **General Shop.** Three hours.

This is an advanced course in the major areas of industrial arts, permitting those who are planning to teach an opportunity to consolidate their experiences in multiple materials program. Mr. Fowler.

311. **Plastics and Crafts for Elementary Teachers.** One hour.

Mr. Fowler.

314. **Plastics and Crafts.** Two hours.

Advanced craft work in plastics, leathers, and metals. A continuation of 214, with emphasis on advanced techniques. PR: 214. Mr. Fowler.

320. **Sheet Metal.** Two hours.

A continuation from Sheet Metal 1. Advanced work will be offered in lay-out problems, joints, and other typical sheet metal situations commonly fund in duct work. PR: 220. Mr. Fowler.

322. **General Metals.** Three hours.

This is a course providing a variety of experiences in the metal working field. It will include instructional units in art metal, bench metal, sheet metal, and welding. PR: 200. Mr. Leonard.

325. **Organization and Administration of Industrial Arts.** Two hours.

A course designed to aid the student as a future teacher of industrial arts. Problems of administration, shop arrangement, care of machinery, ordering of materials and supplies, and techniques of shop instruction will be studied. PR: 12 hours of Industrial Arts courses. Mr. Johnson.

334. **Machine Shop.** Two hours.

This class leads the advanced student into the problems and methods of solving these problems in milling machine operations. Gearing problems, equations, gear cutting methods, and the necessary related technical information will form the basis of this course. PR: 200. Mr. Leonard.

335. **Philosophy of Industrial Arts.** Three hours.

This course is designed to give the student a historical background of the industrial arts movement as a basis for developing a philosophy as to the place and function of industrial arts in general education. PR: 325 and 12 hours of Ind. Arts courses. Mr. Johnson.

340. **Mechanical Drawing** Two hours.

Special problems in mechanical drawing. This course is designed to fill the needs of those who wish to study a special phase of drafting such as the use of the interior perspective method, techniques of inking, advanced machine drafting, etc. PR: 140, or 113. Mr. Wise.

342. **Architectural Drawing.** Three hours.

A continuation of 242 in which design of houses, building materials, specifications, and cost of construction is studied. Each student will develop a complete set of plans, specifications, and cost estimates for his own house. PR: 140, 242. Mr. Wise.

345. **Oxy-Acetylene Welding.** Two-three hours.

The care, operation, use, maintenance and methods of welding, and brazing the common metals using the oxy-acetylene welding torch. Mr. Leonard.

346. **Arc Welding.** Two-three hours.

The care, operation, use, maintenance, methods and safety precautions necessary in the welding of common metals by the use of the arc welder. Welding will be done with AC and DC welding machines, oxy-arc cutting process and the Hiliarc Process dealing with hard-to-weld metals. PR: 134, 322. Mr.Leonard.

350. **Machine Drawing.** Two hours.

Mr. Wise.

360. **School Shop Planning.** Two hours.

Designing plant facilities for the Industrial Arts area of the school program. A study of the placement and the use of the proper type of equipment used in the school shop in relation to the community in which the school is located. PR: 140, 325. Mr. Wise.

362. **General Graphic Arts.** Three hours.

388. **Cabinet Making.** Two hours.

A continuation of 304 with emphasis on the use of advanced techniques in the design and construction of home furniture. PR: 304. Mr. Johnson.

404. **Building Construction.** Four hours.

Actual construction of small buildings and the problems involved in the erection of the building from the ground up. This course will be off campus in building erection work. Summers only. PR: I.A. 101, 242, 342, or 12 hours of I.A. work. Mr. Johnson.

404A. **Building Construction.** Four hours.

A continuation of 404. PR: 404. Mr. Johnson.

405. **Building Construction.** Two hours.

A continuation of 404 with emphasis on interior carpentry and trim work. PR: 404. Mr. Johnson.

405A. **Building Construction.** Two hours.

A continuation of 405. PR: 405. Mr. Johnson.

408. **Cabinet Making.** Two hours.

Further study beyond the work done in 388. Particular attention is given to the use of veneers, inlays, overlays, and other advanced methods of enhancing the finished appearance of projects. PR: 304, 388. Mr. Johnson.

415. **Driver Education.** Two hours.

A course designed to prepare the licensed driver for teaching driver education programs in high schools. A classroom and laboratory program which requires each class member to teach at least one non-driver. Prerequisities: Upperclass status, two years of accident-free driving and Health 241, First Aid and Safety Education. Offered each semester and summer.

Mr. Johnson.

420. **Sheet Metal.** Two hours.

A course designed to develop the student in the mastery of more advanced problems in sheet metal layout and forming. Emphasis will be placed on the type of work normally met in the heating and air conditioning industry. PR: 320. Mr. Fowler.

422. **General Metal.** Two hours.

A continuation of 322, with advanced training in metal working and covering the additional areas of forging, foundry and heat treating. PR: 322. Mr. Leonard.

434. **Machine Shop.** Two hours.

A continuation of 334, with advanced training in the operation of the milling machines and the various types of grinders. PR: 200, 334. Mr. Leonard

442. **Architectural Drawing.** Two hours.

Advanced problems of architectural design, incorporating the classical motifs in the overall scheme of housing and building plans. Shades and shadows, perspective, detailing, and the making of a model will complete the architectural sequences. PR: 242, 342. Mr. Wise.

450. **Machine Drawing.** Two hours.

Industrial illustrating. This course involves a study of machine design. metals, and alloys. Small machine assemblies will be drawn by the exploded view method showing all parts in relation to other parts. This type of drawing is used extensively by industry for assembly purposes. PR: 140, 350. Mr. Wise.

462. **Architectural Drawing.** Two hours.

A class in the study of the Classic Orders of Architecture. Emphasis will be given so as to show the great influence the Architectural Orders have exerted on architectural styles throughout the centuries up to and including the present. PR: 242, 342, 442. Mr. Johnson.

474. **Industrial Maintenance.** Two-three hours.

Care and maintenance of industrial equipment pertaining to the metal working trades, improvement in shop layout and equipment facilities. PR: senior standing and advanced training in the metal areas. Mr. Leonard.

475. **Mill Wrighting.** Two-three hours.

Care and maintenance of equipment commonly found in the woodworking trades, development of shop organizations and layout and equipment facilities. PR: senior standing and advanced training in the wood-working areas. Mr. Fowler, Mr. Johnson

490. **Methods and Materials of Teaching Industrial Arts.** Two hours.

A course in which the particular problems and techniques of teaching Industrial Arts are dealt with. Emphasis is given to the special methods of handling demonstrations, uses of special teaching aids and other related problems peculiar to the Industrial Arts shop. PR: 325, 335 and senior standing. Mr. Johnson.

JOURNALISM

240. **Reporting.** Three hours.

Fundamentals of reporting; gathering, evaluating, and writing news; emphasis on general reporting rather than writing for specialized fields. Valuable as a vocational try-out and for making the student a better newspaper consumer. Open to second semester freshmen and above.

270. **Communications in Society.** Two hours.

A course which reflects the current and important interests in public opinion and propaganda; the influence of old and new forms of communication on the social order; why and how people react to advertising, news publicity, propaganda, and public relations efforts.

271. **The Newspaper and Society.** Three hours.

A study of the development of the newspaper's growth from an organ of a political party to the social instrument of today; present practices and principles of the press; the evolving code of ethics and influence of the newspaper; its competition with radio, television and facsimile.

312. **Publication Problems.** Three hours.

A practical course for teachers who may supervise a school newspaper, yearbook, or handbook; for those who may work on a company newspaper or house organ or in an advertising department; helpful to anyone charged with producing a publication. Problems of staff organization, training, finance, format, type, headlines, etc. will be covered.

340. **Journalism Practice.** Two hours.

An arranged course providing practical experience on the college newspaper, yearbook, local daily newspaper, radio station, plus guided reading in the student's field of major interest; for example, writing for radio, newscasting, magazine article writing, dramatic criticism, newspaper business management, circulation promotion, public relations, advertising. PR: Journ. 240 or consent of instructor.

341. **Journalism Practice.** Two hours.

Continuation of Journ. 340.

LANGUAGE—MODERN FOREIGN

Miss Terry

French

101. **Elementary French.** Three hours.

Pronunciation, early reading for comprehension of easy prose, elements of grammar, oral and written drill and composition. No credit is given for French 101 without 102.

102. **Elementary French.** Three hours.

Continuation of 101. One year of high school French is also considered as a satisfactory prerequisite for this course.

201. **Second Year French.** Three hours.

Reading, grammar and conversation. PR: 101, 102, or two years of high school French.

202. **Second Year French.** Three hours.

Pronunciation, grammar, reading and conversation. PR: 201.

301. **Literature of the Seventeenth Century.** Three hours.

Reading of the plays of Corneille, Racine, and Moliere, with outside reports from other writers. PR: two years of College French or equivalent.

302. **Literature of the Eighteenth Century.** Three hours.

Especial emphasis on the writings of Rousseau and Voltaire with readings of the other writers. PR: Same as for 301.

308. **French Conversation.** Two hours.

309. **Advanced Grammar and Composition.** Three hours.

321. **Contemporary Literature.** Three hours.

421. **Nineteenth Century Literature to 1850.** Three hours.
Emphasis on Hugo, Balzac, Chateaubriand.

422. **Ninteenth Century Literature Since 1850.** Three hours.
A continuation of 421.

431. **French Civilization and Culture.** Three hours.
PR: 12 hours of French, or equivalent.

German

101. **First Year German.** Three hours.
The elements of German grammar; simple reading exercises; pronunciation; written assignments. Offered in 1959-60 and in alternate years. No credit for German 101 without 102.

102. **First Year German.** Three hours.
A continuation of the above course; special topics in grammar and greater emphasis on reading. Offered in alternate years. PR: 101 or one unit of high school German.

201. **Intermediate German.** Three hours.
Grammar review; composition; conversation; reading of fiction. The principal aim of the course is the reading of narrative of modern difficulty. Offered in alternate years. PR: German 102 or equivalent.

202. **Intermediate German.** Three hours.
This course continues the work of German 201. Offered in alternate years. PR: German 201 or equivalent.

Spanish

101. **Elementary Spanish.** Three hours.
Grammar, pronunciation, composition, conservation, translation. No credit toward graduation is given for Spanish 101 without 102.

102. **Elementary Spanish.** Three hours.
PR: Spanish 101 or one year of high school Spanish.

201. **Modern Spanish.** Three hours.
Rapid reading, grammar and conversation. PR: Spanish 101 and 102 or two years of high school Spanish.

202. **Modern Spanish.** Three hours.
PR: Spanish 201.

LIBRARY SCIENCE

Mrs. Rosier, Mrs. Robinson, Mr. Masters

302. **School Library Administration.** Three hours.
A study of organization and administration of the school library, and its place in carrying out the objectives of the school program. PR: 305. Staff.

303. **Cataloging and Classification.** Three hours.
An introduction to principles of cataloging and classifying many types of books used in school libraries. PR: O. A. 101, or its equivalent. Staff.

207 English [illegible]

305. **Selection and Use of Secondary School Library Materials.** Three hours.

This course is designed to aid teachers in the effective use of school libraries as an instrument of instruction. Scources of information about books, other printed material and audio-visual aids, and their use in the secondary school curriculum are studied. Staff.

306. **Reference and Bibliography.** Three hours.

A study of basic reference books, especially those useful in school libraries. Problems in evaluating and using reference books and in biliolgraphy making. Staff.

404. **Practice Work.** Two-three hours.

Individual work based on student's previous experience and related to student teaching when possible. PR: 302, 305; O. A. 101, or its equivalent. 100 hours Staff.

MATHEMATICS

Mr. LaRue, Miss Musick, Mr. Whoolery

110. **Introduction to College Mathematics.** Three hours.

A survey course covering the preliminary concepts of the different branches of mathematics. PR: Consent of the instructor. Staff.

111. **Intermediate Algebra.** Three hours.

PR: One unit of high school algebra. Staff.

121. **Solid Geometry.** Three hours.

PR: Plane Geometry. Staff.

191. **Elementary Analysis.** Five hours.

An integrated course in elementary college mathematics, including college algebra, trigonometry, and analytical geometry. PR: Math 111 or equivalent. Students who do not present Math 111 or equivalent as a prerequisite may satisfy the requirement by examination if at least one and one-half units credit in algebra have been earned. Mr. Whoolery.

192. **Elementary Analysis.** Five hours.

This is a continuation of Math 191. PR: Math 101. Mr. Whoolery.

221. **College Algebra.** Three hours.

PR. Math 111, or the equivalent. Students who do not present Math 111 as a prerequisite may satisfy the requirement by examination if one and one-half units credit in algebra have been earned.

231. **Plane Trigonometry.** Three hours.

PR: Same as 221. Mr. LaRue.

251. **Analytical Geometry.** Four hours.

PR: Math 221 and 231. Miss Musick.

310. **Mathematics for Teachers.** Three hours.

This course is designed to meet the mathematics requirements for the certification of elementary teachers. The course will include an intensive review of the fundamental processes involved in the solution of problems in arithmetic. The principles of learning will be stressed through the use of various techniques as applied to number and quantity. PR: Ed. 203 and demonstration by test of satisfactory competence in arthmetic. THIS COURSE CANNOT BE USED AS MATHEMATICS CREDIT TOWARD CERTIFICATION FOR TEACHING MATHEMATICS IN HIGH SCHOOL.

321. **Differential Calculus.** Four hours.
PR: Math. 121, 192, or 251. Mr. LaRue.

331. **Integral Calculus.** Four Hours.
PR: Math. 321. Mr. LaRue.

341. **Theory of Equations.** Three hours.
PR: Math. 331.

361. **Higher Algebra.** Three hours.
This course includes determinants, and the theory of integers, real and complex numbers, groups, rings and fields. Miss Musick.

372. **Solid Analytical Geometry.** Three hours.
PR: Math. 321. Mr. LaRue.

381. **Statics.** Three hours.
PR: Physics 210, Math. 321, Corequisite, Math. 331. Mr. LaRue.

391. **Introduction to Analysis.** Three hours.
Course includes: The real number system, functions, limits, sequences, series, differentiation, integration, and some elementary set theory. PR: Math. 331. Mr. LaRue.

393. **Introduction to Foundations of Mathematics.** Three hours.
PR: 331. Mr. LaRue.

401. **Differential Equations.** Three hours.
PR: Math. 331. Mr. LaRue.

411. **Advanced Calculus.** Three hours.
PR: Math. 331. Mr. LaRue.

MUSIC

Mr. Wellock, Mr. Gragson, Mrs. Palmer, Mr. Robinson

103-104. **Organ.** One hour.
One thirty minute lesson per week. The program of study will be fitted to the individual needs of the student. One hour of private practice per day is required. Acceptance of the student will be the prerogative of the instructor. Mrs. Palmer.

105. **Class Piano.** One hour.
This course is designed for all students interested in beginning piano. This course will be conducted as a class with each member being offered opportunity for participation. Mrs. Palmer.

106. **Class Piano.** One hour.
A continuation of 105. PR: 105. Mrs. Palmer.

107-408. **Piano.** One hour.
One thirty minute lesson per week. See further under music 103-104. Mrs. Palmer.

109. **Theory.** Four hours.

This course is designed to acquaint music majors and minors with the techniques of the 18th and 19th century styles of composition. The following elements are included: chord structure and progressions (harmony); application of these principles to the piano (keyboard); correlating the eye and the ear (dictation and sight singing); understanding of phrase structure (form and analysis). Staff.

110. **Theory.** Four hours.

A continuation of 109. PR: 109. Staff.

139. **Class Voice.** One hour.

Course consists of a study of the fundamentals of voice production: breathing, resonance articulation and style. Mr. Robinson.

141-142. **Voice.** One hour.

Open to students who have sufficient musical background and vocal quality to merit individual instruction. The principles of proper vocal production are stressed with later emphasis upon solo repertoire in English, Italian, German and French. Mr. Robinson.

*169-470. **Band.** One hour.

Open to all students who can play an instrument needed to keep a balanced organization. The program of procedure is designed to present study of band literature and administration through participation. PR: tryout. Mr. Gragson.

171-472. **Men or Women's Glee Club.** One hour.

PR: Members selected by the Director from those enrolled in Music 173-474, College Chorus. Mr. Wellock.

*173-474. **College Chorus.** One hour.

Open to all students who can sing a part. This course is designed to present a study of choral literature, and administration through participation. PR: tryout. Mr. Robinson.

Individual Instruction in Band and Orchestral Instruments.

Mr. Gragson, Mr. Robinson, Mr. Wellock

The following courses numbered 177 through 498 are open to students with sufficient musical background to benefit from individual instruction in the techniques of playing band and orchestral instruments. One thirty-minute lesson per week. Acceptance of the student will be the prerogative of the instructor.

177-487. **Percussion.** One hour.

179-480. **Saxophone.** One hour.

181-482. **Flute** One hour.

183-484. **Clarinet.** One hour.

185-486. **Oboe.** One hour.

187-488. **Bassoon** One hour.

189-490. **Trumpet or Cornet.** One hour.

191-492. **Baritone Horn.** One hour.

193-494. **French Horn.** One hour.

195-496. **Trombone.** One hour.

197-498. **Tuba.** One hour.

199-499. **Strings: Violin, Viola, Cello, Bass** One hour.

205. **Music in Human Relations.** Two hours.

A general music course in appreciation required of all students. Music of composers of the classical, romantic, and modern periods are discussed, and compositions of these composers are heard through the medium of recordings. Staff.

209. **Theory.** Four hours.

Continuation of Music 110. Emphasis is placed on modulation and the choral style of composition. PR: Music 110. Staff.

210. **Theory.** Four hours.

Continuation of music 209 with the introduction of the contrapuntal style. Staff

211. **String Class.** One hour

This course is open to all students with sufficient background in music. A working knowledge of string instruments is attained through class instruction Mr. Robinson

213. **Brass Class.** One hour

This course is open to all students with sufficient background in music. A working knowledge of brass instruments is atttained through class instruction. Mr. Gragson

215. **Woodwind Class.** One hour.

This course is open to all students with sufficient background in music. A working knowledge of the instruments of the woodwind choir is attained through class instruction. Mr. Gragson.

217. **Percussion Class.** One hour.

Open to all students with sufficient background in music. A working knowledge of percussion instruments is attained through class instruction. Mr. Gragson.

275-476. **Advanced Instrumental Ensemble.** One hour.

Open to advanced instrumental students. Designed to give students an opportunity to participate in small ensembles. Groups meet on a regular weekly rehearsal schedule under faculty direction. PR: Audition. Staff.

277-478. **Advanced Vocal Ensemble.** One hour.

Open to advanced vocal students. Designed to give students experience in small ensemble participation. Groups meet on a regular weekly rehearsal schedule under faculty direction. PR: Audition. Mr. Robinson.

313. **History.** Three hours.

This course traces music from the early Greek through the Baroque periods, with emphasis on recognition of styles and composers. Mr. Robinson.

314. **History** Three hours.

A continution of Music 313 covering the Classical and Romantic periods. PR: Music 313. Mr. Robinson.

320-421. **Techniques of Keyboard Accompanying.** One hour.

A course designed to acquaint advanced students of piano and organ with the techniques involved in playing accompaniments for performing groups and soloists. Regularly scheduled laboratory experiences in playing accompaniments for vocal and instrumental soloists and ensembles will be provided. This course may be substituted for applied piano. PR: Permission of instructor. Mrs. Palmer.

331. **Elementary Music, or Music as an Art and a Science.** Three hours.

This course gives the student a background in theory, terminology of music, scale building, rhythm, use of syllables, numbers and letters in music reading, chord construction, and use of the keyboard and autoharp. Two lecture hours and one laboratory hour per week. Required of all elementary teachers. Mr. Wellock.

332. **Music Materials and Procedures.** Three hours.

This course includes materials, methods and procedures for carrying out the music program in the elementary grades one through six. PR: Music 331. Mr. Wellock.

345. **Choral Conducting.** Two hours.

This course includes the basic techniques needed for the conducting of Junior and Senior High School music groups. Baton techniques, interpretation, score reading, and repertoire are emphasized. PR: 209. Mr. Robinson.

346. **Instrumental Conducting.** Two hours.

This couse includes the basic techniques needed for conuducting Junior and Senior High School instrumental music groups. Baton techniques, interpretation, score reading, repertoire, and elementary orchestration are emphasized. PR: 209. Mr. Gragson.

431. **Music Education for Secondary Schools.** Three hours.

This course deals with the techniques and materials involved in teaching and administering music classes and performing organization in the junior and senior high schools. PR: Music 346. Mr. Wellock.

PHILOSOPHY

Mr. House, Mr. Ward

200. **Introduction to Philosophy.** Three hours.

A survey of the principal problems arising out of man's attempts to organize his experience and direct his existence.

300. **Logic.** Three hours.

An analysis and exposition of the requirements for justifiable deductive and inductive reasoning. The principles of rational argumentation and inference in scientific methods are emphasized.

325. **Ethics.** Three hours.

An historical study of the basis of judging human actions right and wrong, good and bad. The main classical positions are evaluated and the impact of contemporary knowledge upon the central problems of ethics will be discussed.

350. **Comparative Religion.** Three hours.

Description and analysis of the philosophical systems underlying the major non-Christian religions. Attention will be focused upon the historical and psychological development of religious beliefs.

375. **History of Christian Thought.** Two hours.

A survey of the contributions of the more significant thinkers shaping the Christian tradition. The development of some central Christian beliefs will be traced and linked to contemporary viewpoints.

400. **Philosophy of Religion.** Three hours.

A detailed study of man's effort to work out a rationally justifiable religious view of his destiny. Presentation of classical and contemporary problems and solutions is emphasized.

425. **History of Ancient and Medieval Philosophy.** Three hours.

A survey of the progress of philosophy in the West from Classical Greece through the decline of the Medieval systems.

475. **History of Modern Philosophy.** Three hours.

A survey of the progress of philosophy in the West from Descartes to the present.

PHYSICAL EDUCATION

Women's Division—Miss Walters, Mrs. Hanks

Men's Division—Mr. Wilson, Mr. Davis, Mr. Duvall, Mr. Floyd

101. **Freshman Orientation. (W)** One hour.

Introduction to physical education activities. Staff.

111. **Freshman Orientation. (W)** One hour.

Continuation of 101. Staff.

115. **Freshman Orientation. (M)** One hour.

Physical education activities for men. Practice and participation in "Physical Educational Activities Night" required. Mr. Duvall.

116. **Freshmen Orientation. (M)** One hour.

Physical education activities for men. Practice and participation in "Physical Educational Activities Night" required. Mr. Duvall.

117. **Hockey and Soccer.** One hour.

(Women) Miss Walters.

131.	**Beginning Swimming** Elementary swimming skills.	One hour. Miss Walters.
201.	**Football.** Theory and practice in fundamentals. (M)	One hour. Mr. Duvall.
202.	**Basketball.** Theory and practice in fundamentals. (M)	One hour. Mr. Davis.
203.	**Baseball.** Theory and practice in fundamentals. (M)	One hour. Mr. Wilson.
204.	**Track.** Theory and practice in fundamentals. (M)	One hour. Mr. Davis.
205.	**Golf.** Theory and practice in fundamentals. (M)	One hour. Mr. Wilson.
206.	**Tennis.** Theory and practice in fundamentals. (M)	One hour. Mr. Duvall, Miss Walters
207.	**Wrestling.** Theory and practice in fundamentals. (M)	One hour. Mr. Wilson.
208.	**Swimming.** Theory and practice in fundamentals. (M)	One hour. Mr. Wilson.
209.	**Cross Country** Theory and practice in fundamentals. (M)	One hour. Mr. Davis.
210.	**Soccer.** Theory and practice in fundamentals. (M)	One hour. Mr. Wilson.
214.	**Leadership in Graded Games.** Required for Curriculum C.	Two hours. Mrs. Hanks.
217.	**Skill Techniques.** Team Sports for Women	One hour. Miss Walters.
219.	**Skill Techniques.** Team Sports for Women	One hour. Miss Walters.
226.	**Techniques of Modern Dance.**	One hour. Mrs. Hanks.
231.	**Intermediate Swimming.** Intermediate swimming skills.	One hour. Miss Walters.
237.	**Fundamentals of Tennis.** Beginning skills in tennis.	One hour. Miss Walters.
271.	**Team Sports.** Specialization in physical education activities. (M)	Two hours. Staff.
272.	**Individual and Dual Activities.** Specialization in physical education activities. (M)	Two hours. Staff.

*310. **Human Anatomy and Physiology.** Two hours.
Mrs. Quintrell.

*311. **Kinesiology.** Two hours.
A study of movement of the human body Mrs. Quintrell.

316. **Coaching and Officiating: Hockey and Soccer.** Two hours.
PR: 117. Miss Walters.

317. **Stunts and Tumbling.** One hour.
Miss Walters.

319. **Coaching and Officiating: Softball and LaCrosse.** Two hours.
PR: 219. Miss Walters.

320. **Theory of Coaching Football.** Two hours.
Theory and practice. Various systems and styles of play. Mr. Duvall.

321. **Theory of Coaching Basketball.** Two hours.
Theory and practice. Various systems and styles of play. Mr. Davis.

322. **Theory of Coaching Track.** Two hours.
Theory and practice. Practical experience in officiating; administration of track and field meets. Mr. Davis.

323. **Theory of Coaching Baseball.** Two hours.
Theory and practice. Practical experience in officiating. Mr. Wilson.

324. **Theory of Coaching Wrestling.** Two Hours.
Theory and practice. Mr. Floyd.

325. **Folk Dancing.** One hour.
Mrs. Hanks.

326. **Advanced Modern Dance.** One hour.
Mrs. Hanks.

327. **Coaching and Officiating: Volley Ball and Basketball.** Two hours.
PR: 117, 217, 219. Miss Walters.

329. **Officiating Football and Basketball. (M)** Two hours.
Rules; techniques of officiating and laboratory work. Mr. Duvall.

330. **Advanced Swimming.** Two hours.
PR: 231 or permission of instructor. Miss Walters.

331. **Life Saving and Water Safety.** Two hours.
PR: 330 or permission of instructor. Miss Walters.

337. **Advanced Tennis. (M. &W.)** One hour.
Advanced strokes and participation in tournament play. Mr. Duvall.

351. **History and Principles of Physical Education.** Two hours.
Foundation of physical education. Miss Walters.

361. **Methods in Physical Education.** Two hours.
Open to P. E. majors only. Miss Walters.

365. **Activities Assisting. (M. & W.)** One hour.

Practice and participation in "Physical Education Activities Night" required. Staff.

417. **Advanced Stunts and Tumbling.** One hour.

PR: 317. Miss Walters.

425. **Children's Rhythms. (M. & W.)** One hour.

Mrs. Hanks.

461. **Organization and Administration of Physical Education. (M. & W.)** Two hours.

PR: Two or more courses from 200 to 212. Mr. Wilson.

PHYSICAL SCIENCE

Mrs. Ford, Mr. Haught, Mr. Collins.

The two courses in General Physical Science are organized to provide students a survey of the field of the physical sciences. These courses should not be scheduled by students who plan to include physics and/or chemistry in their programs.

201. **General Physical Science.** Three hours.

A survey of the subjects of mechanics, heat, sound, light and electricity. No credit is allowed if credit in physics is earned.

202. **General Physical Science.** Three hours.

A survey of the elements of chemistry, geology, and astronomy.

PHYSICS

Mrs. Ford

101. **Introduction to Physics.** Four hours.

A course designed for predental, premedical, and teaching curricula. It should not be scheduled by students in engineering or those with a major or minor in physics. A two-hour laboratory period each week supplements the three lecture-recitation periods. Elementary principles of mechanics, sound, and heat are studied in this course.

102. **Introduction to Physics.** Four hours.

A continuation of 101; includes a study of magnetism, electricity, and light.

201. **Demonstrations in Physics.** Two-three hours.

Effective use of everyday materials to illustrate physical phenomena, experience with a variety of lecture equipment, and practice in planning and executing demonstration describe the nature of this course. It is designed to serve teachers in both the elementary and secondary schools. PR: Consent of the instructor is sufficient, but a course in one of the physical sciences is highly recommended.

210. **General College Physics.** Five hours.

This course is offered primarily for students with majors or minors in physics. Pre- or corequisite: calculus. Not open to students with credit in Phys. 101 or 102. Mechanics, sound and heat.

211. **General College Physics.** Five hours.

Continuation of Phys. 210. Pre- or corequisite: calculus. Magnesium, electricity, and light.

310. **Electricity and Electronics.** Four hours.

This course includes statis electricity, direct and alternating current theory and means of transforming electrical power. The theory of the vacuum tube and electronics is introduced. Four hours laboratory and two hours lecture each week is required.

320. **Mechanics.** (Alternates annually with 420) Three hours.

A course in mechanics applied to the study of particles and objects in space with the general principles of astronomy and the information of rotating system in the universe. General theories of the universe and experimental facts will be presented in an elementary manner.

321. **Mechanics.** (Alternates annually with 421) Three hours.

A continuation of 320.

340. **Special Problems.** Two-three hours.

Individual studies by advanced students of problems of special interest in the field of physics. PR: Physics 210, 211, or equivalent; Math. 321, 331.

341. **History and Philosophy of Science.** Two hours.
Mrs. Ford

361. **Statistical Physics.** Three hours.

420. **Introduction to Atomic Physics.** Three hours.

(Alternates annually with 320).

This course deals with the study of charged particles, ionization, and conduction of electricity through gases, electromagnetic radiation, and the theory of atomic structure.

421. **Introduction of Atomic Physics.** Three hours.

(Alternates annually with 321). A continuation of 420.

POLITICAL SCIENCE

103. **American National Government.** Three hours.

A survey of American government devoted to the consideration of the origins, constitutional basis, and functions of the Federal System. Staff.

203. **Comparative Government.** Three hours.

A survey designed to give a broad general acquaintance with the political institutions and government practices of certain nations. Staff.

206. **American State and Local Government.** Two hours.

Investigation of the functions of government as performed on the state and county level. Staff.

303. **Political Parties.** Three hours.

A study of the origins, growth, and development of the American political party. Staff.

304. **American Constitutional Government.** Three hours.

A study of the constitutional development of the American Federal System. Staff.

406. **International Problems.** Three hours.

The foreign policies of the nations and the machinery established and functioning for the peaceful adjustments of international differences. PR: Pol. Sci. 103, or consent. Staff.

PSYCHOLOGY

Mr. Ward

103. **General Psychology.** Three hours.

An elementary introduction to the viewpoint, methods and principles of the science of behavior. Three hours lecture weekly.

250. **Experimental Psychology.** Three hours.

An introduction to procedures of experimental research, including principal topics of investigation, their representative experimental designs and laboratory techniques. Two hours lecture, two hours laboratory weekly. PR: 103.

300. **Principles of Behavior.** Three hours.

A basic course in the experimental analysis of the behavior of organisms. Special emphasis is given to the development of systematic behavior theory. Two hours lecture, two hours laboratory weekly. PR: 103.

350. **Statistics.** Three hours.

Elementary statistical description and analysis as employed particularly in the behavorial sciences. Three hours lecture weekly.

375. **Physiological Psychology.** Three hours.

Discussion of research on physiological mechanisms in behavior. Principal concern will be with central nervous functions. Three hours lecture weekly. PR: 103.

400. **Psychometrics.** Three hours.

General theory of measurement as involved in various areas of psychology such as psychological tests, attitude scales, psychophysics, and quantified behavior theory. Three hours lecture weekly. PR: 350.

425. **Clinical Psychology.** Three hours.

Consideration of theory and evidence dealing with various topics of clinical application such as personality theory, theory of behavior disorders, techniques of diagnosis and therapy. Three hours lecture weekly. PR: 400 or consent.

460. **Seminar.** Three hours.

Discussion of specific research topics as reported in contemporary literature. Each student will complete an individual research project. PR: consent of instructor.

RECREATION

Mr. Davis and Staff

126. **Rhythmic Activities.** One hour.

Includes fundamental rhythms, social mixers, and social dancing. Mrs. Hanks.

241. **Introduction to Recreation.** Two hours.

A general survey of recreation systems, trends, policies, problems, and procedures for students interested in field of recreation. Mr. Davis.

324. **Archery and Badminton.** One hour.

Care and selection of equipment and participation. Mrs. Hanks.

325. **Square Dancing.** One hour.

American squares, quadrilles, and longways dances. Miss Walters.

336. **Co-Recreational Activities.** Two hours.

Experience in supervising and organizing co-recreational activities. Open to major and minors. Mrs. Hanks.

339. **Bowling.** One hour.

Participation. Miss Walters.

341. **Workshop and Recreation Institutes.** Two hours.

Expert demonstrations, lectures by outside authorities. Mr. Davis, Staff.

344. **Recreational Leadership.** One-three hours.

Organizing and directing group activities. Mr. Wilson.

345. **Practice Leadership—Summer.** Two hours.

Carefully planned observation trip to recreational centers and playgrounds with training periods. Mr. Davis.

346. **Theory of Recreation.** Two hours.

Nature and function, theory and problems, familiarizing students with recreation. Staff.

442. **Camping and Youth Organization.** Two hours.

A study of camping movement, outdoor education, and organizations serving youth. Mr. Davis.

443. **Community and Industrial Recreation.** Three hours.

Organization and supervision of recreation for community and industrial groups. Mr. Davis.

445. **Organization and Administration of Playground and Recreation.** Three hours.

A study concerning the administration and organization of playgrounds and recreation in the community and problems vital to operation. Mr. Davis.

SECRETARIAL STUDIES

Mr. Dunn, Mrs. Pinto

100. **Typewriting for Teachers.*** Two hours.

A course designed for Education majors and those already teaching school. This is a course in the fundamentals of typewriting, preparing typewritten examinations, stenciling, mimeographing and other typing problems of a teacher. No credit by examination. Not open to Secretarial or Business majors, and does not meet the requirement for certification in Commerce. Staff.

101. **Beginning Typewriting*** Two hours.

A beginning course in the fundamentals of the typewriter. This course includes basic machine operations, development of speed and control, vertical and horizontal centering, simple tabulation, memorandums, personal business letters, announcements, simple manuscripts, rough drafts and proof-readers marks. No credit by examination. Staff.

102. **Advanced Typewriting.** Two hours.

PR: S.S. 101 or one year of high school typing or the equivalent. This course includes the development of speed, control, and sustained typing, business letters, envelopes, tabulated reports, manuscripts, and simple business forms. No credit by examination. Staff.

104. **Secretarial Accounting.** Three hours.

Designed to give the secretarial student the accounting skills that will be actually met in on the job situations. Basic and simplified in approach with life-like experiences gained from "working" for various professional and business men. Emphasis on the cash-record approach and the fundamental bookkeeping equation. Mr. Cole.

201. **Beginning Shorthand.*** Four hours.

A beginning course in Shorthand. Introduction of theory and brief forms of Gregg Simplified Shorthand. Emphasis is on reading and writing of Shorthand at 60 words per minute. No credit by examination. Mrs. Pinto.

202. **Beginning Shorthand.** Four hours.

PR: S.S. 201 or one year of high school shorthand. Continuation of S.S. 201. Emphasis is on the writing of Shorthand from dictation at a minimum of 80 words per minute. No credit by examination. Mrs. Pinto.

211. **Vocational Typewriting.** Two hours.

PR: 102. An advanced course in typewriting adapted to office procedures. This course includes the typing of telegrams, cards, statistical reports, tabulation, business letters with tabulated data, invoices, requisitions, typing of special reports, legal documents, mimeographing, and sustained typing. No credit by examination. Mrs. Pinto.

251. **Business Correspondence.** Two hours.

PR: S.S. 102, English 102, 104. An analysis of the physical mechanics of the business letter. This course includes the writing of effective business letters in sales, collection letters, letters of application, telegrams, cablegrams, business reports, and post office services. No credit by examination.
Mrs. Pinto.

301. **Advanced Shorthand and Transcription.** Four hours.

PR: S.S. 202. Advanced reading and dictation. Emphasis is on writing shorthand at a minimum speed of 100 words per minute. Spelling, punctuation, and sentence structure are stressed. Departmental and vocational dictation and transcription are included. No credit by examination. Mrs. Pinto.

302. **Advanced Shorthand and Transcription.** Four hours.

PR: S.S. 301. A continuation of S.S. 301. Emphasis is on dictation at a minimum of 120 words per minute. A complete review of theory principles and brief forms. Experience in Congressional dictation. No credit by examination. Mrs. Pinto.

311. **Office Machines and Filing.** Two hours.

An orientation and practice course for students in the Business or Secretarial Studies areas. The course includes a study of filing practices and procedures used in modern offices. Approximately two-thirds of the course time is given to practice with representatives calculating, duplicating and transcribing equipment. No credit by examination. Mr. Dunn.

314. **Dictation and Transcription.** Two hours.

PR: Consent of Instructor. A review of dictation with emphasis on timed transcription from own notes. No credit by examination. Mrs. Pinto.

351. **Secretarial Office Practice.** Three hours.

A practical course with actual experience in office work. A minimum of 6 hours per week in supervised office work is required for credit in the course. Previous work experience cannot fulfill this requirement. PR: S.S. 211, 302, 2.0 average in major, minor and overall, i.e. for all work attempted. Mrs. Pinto.

* Not open to students with high school credit in typing or shorthand. Students with high school credit in these courses will not receive credit for S.S. 100, 101, or 201 by attendance in course.

SOCIOLOGY

Mr. Gray, Mr. Hogarty

201. **Fundamental Social Problems.** Three hours.

A general study of the major areas of human relationships. These areas include culture, population, communication, social processes, social control, and representative institutional areas as family, economic, religious and political activity in which social dislocations are common.

202. **Fundamental Social Problems.** Three hours.

A study of specific areas of human relationships in which social problems frequently arise. PR: Sociology 201.

202. **General Sociology.** Three hours.

The origin, development, structure, and function of culture and society will be studied.

301. **Anthropology.** Three hours.

A study of human biological and social origins, including human prehistory, race, the origin and nature of culture, social organization among preliterate peoples, cultural diffusion, and culture change.

310. **Marriage and The Family.** Three hours.

A study of the background, organization, and functions of the American family. Courtship, marriage, marriage adjustment, parenthood, family disorganization and the effect of social change upon the family will be studied. Open to those with credit in H. Ec. 310 and Hlth. 310 only by special arrangement.

320. **Rural Sociology.** Three hours.

A study of the characteristics of rural society including its culture, social relationships, and institutions. Rural society is studied in comparison with urban society as a part of American Society. PR: Soc. 201 and 202 .

330. **Urban Sociology.** Three hours.

A study of the characteristics of urban society including its culture, social relationships and institutions. Urban society is studied in comparison with rural society as a part of the American Society. PR: Soc. 201, 202.

340. **Juvenile Delinquency.** Three hours.

A study of what society defines as delinquent behavior and of the young people designated as delinquents. Emphasis will be placed on the causes of delinquency and on the various techniques and methods of prevention, treatment, and rehabilitation. PR: Soc. 201 and 202.

350. **Sociology of Adolescence.** Three hours.

A study of the cultural and social factors associated with adolescence, considered as a period of transition from childhood to adulthood.

360. **The Field of Social Work.** Three hours.

A study of the history and development of social work with special emphasis upon modern social work agencies and the services which they render. Various types of social work will be considered from the standpoint of the prospective social worker. PR: Soc. 201 and 202.

403. **Social Psychology.** Three hours.

A study of social structure and social interaction. Techniques of leadership and control will receive special study. PR: Soc. 201 and 202, or Psy. 203 or 204.

420. **Educational Sociology.** Three hours.

A study of cultural organization and cultural processes as applied to the modern day school and community. A course especially designed for teachers in service. Offered during Summer sessions and evening classes.

430. **Community Organization.** Three hours.

A study of the structure and function of the various social groupings found in the community. The course is oriented toward the development of community leadership talent. PR: Soc. 201 and 202.

440. **Population Problems.** Three hours.

A study of the social implications of changing birth and death rates; causes of growth and decline of population; relation of population to natural resources; and the influence of population movement upon cultural change and the growth of nationalism. PR: Soc. 201 and 202.

450. **Minority Groups.** Three hours.

A study of racial and cultural minority groups in the United States with special emphasis upon understanding the cause of their persistence and the reason for majority-minority antagonisms. A study of the techniques whereby prejudices are developed and reduced will be made. PR: Soc. 201 and 202 .

462. **Introduction to Methods of Research.** Three hours.

It is the purpose of this course to give the student elementary training in the common methods of social science research and the development of bibliographies. PR: Hist. 111 and 112, Soc. 201, 202 and 9 hours of upper level Sociology courses.

490. **Seminar: Social Theory.** Three hours.

A study will be made of the development of Social Theory with special emphasis upon Contemporary Theory. PR: Junior standing with 12 hours of Sociology.

499. **Seminar: Special Problems in Sociology.** One to Three hours.

Open only to Juniors and Seniors majoring in Sociology. Reading and research on subjects suited to the student's need. Total hours limited to six. No more than three hours in any one semester.

SPANISH

(See Languages—Modern Foreign)

SPEECH AND DRAMATICS

Mr. Wallman, Miss Lough, Mr. Rhodes, Mr. Smoker, Mr. Turley

101. **Fundamentals of Speech.** Two hours.

This course includes the elementary phases of oral language training. Reading aloud, short speeches, enunciation, pronunciation, parliamentary procedures. Required of Speech Major. Staff.

105. **Voice and Diction.** Two hours.

This course includes a study of drills for developing proper breath support for producing a strong flexible, resonant voice, with exercises aimed to acquire facility in using a pleasant standard speech; stressing coordination of mind and voice. Articulation and enunciation. Required for Speech Majors. Staff.

107. **Speech Improvement.** Two hours.

Designed for students who wish to improve the quality of their speaking voices. Training in pronunciation, enunciation, and voice production in order to develop standard speech. Therapy for major speech defects is not administered. May not be substituted for Speech 105. Staff.

120. **Theatre Appreciation.** Two hours.

Study of drama as it occurs on stage, in movies, and in radio and television in order to form a critical appreciation of its purposes and effects. Staff.

151. **Play Production.** Two hours.

Play production methods for the educational theatre. Theory and practical experience in the mounting of plays for public performance. Staff.

152-452. **Theatre Workshop.** Variable Credit.

Directed, practical experience in production of plays for public performance. Scenery design and construction, lighting, properties, costuming, etc. PR: Speech 151 or permission of instructor. Staff.

211. **Public Speaking.** Three hours.

Study and application of principles of public speaking. Training in composition and effective delivery of various types of speeches before audiences. Open to all students but primarily for Pre-professional students. May be substituted for Speech 101. PR: for Pre-engineers Eng. 104. Staff.

243. **Debate.** Two hours.

Theory and practice of argumentation and debate. Required of Speech Majors. Miss Lough.

244. **Intercollegiate Debate.** Variable credit.

Training for and participation in individual debates with teams from other colleges and universities and tournament debating throughout the Eastern United States. Miss Lough.

245. **Oratory.** Variable credit.

Study and application of the aims, principles, structure, and delivery of oratory. Performance in competitive oratory. Miss Lough.

251. **Acting.** Two hours.

Theories and methods of acting for the stage. Practical acting experience in student and faculty directed scenes and one-acts. Staff.

301. **Make-Up.** One hour.

Fundamentals in theory and technique of applying theatrical make-up, including laboratory and practical experience. Staff.

301L. **Advanced Make-Up.** One hour.

Application of theatrical make-up for public performances. Mr. Turley.

313. **Interpretation of Shakespeare.** Two hours.

A study of representative Shakespearean comedies. Mr. Rhodes.

314. **Interpretation of Shakespeare.** Two hours.

A study of representative Shakespearean tragedies. Mr. Rhodes.

318. **Modern Drama.** Three hours.

The history of the British drama and the study of modern dramas—British, Continental, and American. Miss Tate.

321. **Summer Theatre: Rehearsal and Performance.** Three hours.

Systematic rehearsal and public performance with the Masquers Town and Gown Summer Theatre. Designed for students who desire stage training and experience. Staff.

322. **Summer Theatre: Production and Management.** Three hours.

Experience in every phase of theatrical production and some phases of theatre management. Experience includes set designing and constructing, lighting, costuming, make-up, box office, house managing, and publicity. Staff.

330. **Fundamentals of Radio and Television Speech.** Two hours.

A familiarization course in modern studio practice, use of broadcasting and recording equipment, and preparation of programs, with some work in radio and television speech and announcing. Mr. Turley.

331. **Children's Theatre.** Two hours.

Theory and practice in the art of directing children's theatre classes. Students teach creative dramatics and direct scenes and plays with children from age 5 to 15 enrolled in the Saturday taught Children's Theatre. Staff.

334. **Radio and Television Production.** Two hours.

Production of and participation in actual broadcasts. A study of the techniques used in programming, directing, continuity writing, and music and sound effects. PR: 2 hours of Speech or permission of instructor. Mr. Turley.

334L. **Radio and Television Production.** One hour.

Continuation of Speech 334 with extensive studio practice. Mr. Turley.

336. **Play Directing.** Two hours.

Principles and techniques of play directing. Special attention given to directing problems in educational theatre: play selection, budgeting, casting, mounting and staging, public relations, and coordination of crafts. Required of Speech Majors. Staff.

336L. **Play Directing Laboratory.** One hour.

Direction and public presentation of a one-act play. Required of Speech Majors. PR: Speech 336. Staff.

337. **Effective Speaking.** Two hours.

Designed to give students advanced training in the art of preparing and delivering public speeches. Required of Speech Majors. PR: Speech 101, 211, or permission of instructor. Mr. Wallman.

340. **Business and Professional Speech.** Two hours.

Designed to give students training in the art of preparing and delivering public speeches for speech situations arising from business and professional needs. Night school only. May be substituted for Speech 337. Mr. Wallman.

345. **Speech Problems of Children.** Three hours.

Designed for classroom teachers and parents. Study of normal development of children's speech and preventive, diagnostic, and remedial techniques for speech defects. Special attention is given to phonetics and eartraining. May not be substituted for Speech 430. Staff.

401. **Extemporaneous Speaking.** Variable credit.

Theory and technique of extemporizing in public speaking situations. Performance in competitive extemporization. Miss Lough.

430. **Speech Correction.** Three hours.

An introduction to the field of speech therapy. Emphasis placed on identification of all speech defects, their diagnoses, and preventive and remedial techniques. Miss Lough.

440. **Speech and Dramatics Seminar.** One hour.

Directed study in any of the five fields of speech: public address, speech correction, interpretation, theatre, or radio-television. Designed for Junior and Senior Speech Majors and Minors. PR: Permission of instructor. Staff.

ZOOLOGY

(See Biology)

CAMPUS ACTIVITIES

STUDENT GOVERNMENT ORGANIZATIONS

The Student Government Organization is composed of all students regularly enrolled in Fairmont State College. All of its officers are students and all business is conducted by them. Through this organization student programs and many other activities are undertaken. A student activity fee is collected from all students. This fee covers the cost of student activities and entitles the student to attend all athletic contests, major dramatic productions, and other special programs.

STUDENT COUNCIL

The Student Council is the executive board of the student government organization. It consists of the five student body officers, all class presidents, one member elected by the interfraternity council, one member elected by the honorary and professional organizations, one member elected by the non-fraternity group, and one faculty representative appointed by the President of Fairmont State College.

One of the principal assignments of the Student Council is to meet at the beginning of each semester to determine the allocation of the student activity funds among the various campus activities and organizations. The budgets prepared are then published so that all students may know for what purposes their fees are being used.

STUDENT AND FACULTY SOCIAL CABINET

The Student-Faculty Social Cabinet is composed of representatives of students and faculty under the chairmanship of the Vice President of the Student Council. The campus social program for the school year is arranged through this cabinet.

INTER-FRATERNITY COUNCIL

The Inter-Fraternity Council coordinates the activities of the Men's and Women's Panhellenic Associations.

CLASS ORGANIZATIONS

Organizations are set up for each of the several academic class groups. Each class elects its own officers and carries on such activities as the group concerned desires.

CLUBS AND HONOR SOCIETIES

Fairmont State College students have organized a number of clubs and honorary organizations for the promotion of interest in various subject matter fields, for the recognition of outstanding achievement in various campus activities, and for general social purposes. A list of the currently active organizations of this character follows:

Clubs

Debate Club
Fu-Se-Fa (Secretarial)
Future Teachers of America
Home Economics Club
Industrial Arts Club
Masquers Club (Dramatics)
Newman Club
Pi Kappa Pi (Language)
Splashers Club
United Christian Campus Fellowship
Wesley Foundation
Women's Recreation Association
Music Educators National Conference

Honor Societies

Alpha Alpha Alpha (Business)
Alpha Psi Omega (Dramatics)
Beta Beta Beta (Biology)
Blazers (Senior Women)
Epsilon Pi Tau (Industrial Arts)
Kappa Gamma (Oratory)
Kappa Delta Pi (Education)
Kappa Pi (Art)
Lambda Alpha Sigma (Lettermen)
Lambda Delta Lambda (Physical Science)
Pi Gamma Mu (Social Science)
Pyramid Society (Men's)

SOCIAL ORGANIZATIONS

Fairmont State College students have organized and maintained a number of social fraternities and sororities. These organizations provide a medium for social activities and social training. They are regulated by the Men's and Women's Panhellenic Associations, which strive toward high standards of scholarship and leadership among the group and toward developing a good college spirit. These organizations are listed below:

Fraternities

Kappa Sigma Kappa (National)
Sigma Tau Gamma (National)
Tau Beta Iota
Tau Kappa Epsilon (National)

Sororities

Alpha Delta Chi
Delta Zeta (National)
Gamma Chi Chi
Sigma Kappa (National)
Sigma Sigma Sigma (National)

RELIGIOUS INTERESTS

Fairmont State College maintains a close relationship with the religious organizations of the city. Students are assisted in becoming allied with the church of their choice. The various churches in the city have active groups made up primarily of college students.

There are four religious organizations active on the campus. They are the United Christian Campus Fellowship (Evangelical United Brethren, Disciples of Christ, Lutheran and Presbyterian), Roger Williams Baptist Fellowship, Wesley Foundation and the Newman Club.

PUBLICATIONS

The Columns is the student newspaper published semi-monthly throughout the regular college year with the exception of examination and vacation periods. The Publications Board, representing students and faculty, approves the selection of staff members from a list presented to the Board by the faculty adviser. Consideration is given to those students who have done acceptable work in Journalism or who have had practical experience on publications. **The Columns** is named for the eight stately columns at the front of the Administration Building. It is financed by student fees and advertising.

The Mound is published annually by the students. The administrative officers of the staff are approved by the Publication Board from a list presented to the Board by the faculty adviser. All phases of college life are depicted in the annual, largely by pictures. It was named from an historic spot on a former campus. It is financed by student fees and advertising.

The Student Handbook is compiled annually under the direction of the Student Council. It contains valuable information about Fairmont College and its varied student activities. It is of real service to new students.

View books and other promotion magazines are published at intervals by the college.

Bulletins, both daily and weekly, are posted on the bulletin boards prominently located in each building. These bulletins carry announcements of all student and faculty activities. Material for these bulletins should be left in Room 212-A. Students and faculty members should consult the bulletin boards daily for important announcements.

MUSIC ORGANIZATIONS

The Fairmont State College Band is a uniformed band of approximately fifty members. This organization is open to both men and women. Tryouts are held at various times throughout the year.

The musical organizations of Fairmont State College — the Chorus and the Men's and Women's Glee Clubs — provide many opportunities for students interested in group singing. These groups present programs at the College assemblies, in neighboring communities, and on the radio. They also give annual public concerts. The Chorus is open to all students, but the Glee Clubs are composed of selected members of the College Chorus.

Students may participate in college ensemble programs by successful try-out.

ORATORY

A stimulating and vital program in public speaking and oratory is encouraged both on a curricular and extra-curricular basis at Fairmont State College. Students make frequent appearances before churches and clubs, and speak on radio programs. An annual competition is held for the M. M. Neely Prize. (See contests.)

INTERCOLLEGIATE DEBATING—THE DEBATE CLUB

Fairmont State College provides a very active program in debating. The Debate Club gives interested students training and experience in the art of debating and several teams are organized each year to meet the teams of other colleges and universities of the United States and Canada. Fairmont teams annually participate in at least five major debate tournaments, several contract debates at home and away, and attend the West Virginia Intercollegiate Speech Festival at Jackson's Mill. Participation in debate is open to all students.

DRAMA

Fairmont's drama department has received national recognition; for here was organized in 1925 the national honorary drama fraternity Alpha Psi Omega. Also Delta Psi Omega, junior college drama honorary, and the Thespians, high school drama society, had their inception at Fairmont State College.

Each year the Masquers, the student drama organization, offers a full season of theatrical productions of varied style and period to student-community audiences. Also several student and faculty directed one-acts are presented throughout the season and are open to the public. Acting and production work for these plays are open to the student body and memberships in Masquers and Alpha Psi Omega are earned through participation in these theatre activities.

During the summer term the Masquers Town and Gown Summer Theatre present four major productions. Students enrolled in Summer Theatre (Speech 321-322) work with interested and experienced members of the community in order to bring a program of light summer theatre fare to Northern West Virginia theatregoers.

In addition the drama department offers Saturday classes in theatre to children of the community between the ages of 5 to 15. These classes result in performances of scenes and one-acts by the children for the public.

ASSEMBLIES AND SPECIAL FEATURE PROGRAMS

A limited number of general assemblies are held each semester. The schedule is flexible insofar as the hour is needed for the meetings. The purpose of the assemblies is to provide programs of an educational or entertainment nature and to celebrate special occasions. The general chairman is a faculty member who acts as expediter of the year's program schedule. These programs, which are free to all students and faculty members, are financed by allotments from the student activity fund.

A cooperative plan is in effect whereby interested students may attend the concerts of the Fairmont Community Concert Association.

CONTESTS

The Frank C. Haymond Constitutional Prize Contest.

In order to encourage a greater interest in and appreciation of the U. S. Constitution, Judge Frank C. Haymond, '06, has established an annual prize of $25. This prize is awarded to any regularly enrolled student who submits the best paper relative to the general theme of "The Constitution." Papers are required to be from two thousand to thirty-five hundred words in length and are due on or before April 15 in each school year. Interested students should apply to the chairman of the Political Science Department.

The M. M. Neely Oration Contest.

For many years the late Senator M. M. Neely offered an award of 100 dollars for excellence in oratory. It is hoped that this contest, open to all regularly enrolled students of the College, may be continued. A faculty committee is in charge of this contest. Interested students should apply to the chairman of the Speech and Dramatics Department.

COLLEGE RADIO PROGRAM

"Campus Highlights," a weekly radio program, is produced by the radio department of Fairmont State College. It has been a regular feature of Station WMMN since 1929. These programs are, for the most part, student productions. All types of radio programs are presented during the regular school year. They provide a means of practical application of techniques studied in the several radio courses offered. Any student at Fairmont State College may audition for radio work. A modern studio is located on the ground floor of the Administration Building.

INTRAMURAL SPORTS

A regular program of intramural sports is sponsored for the benefit of all students. Teams, contests, and various activities are organized for competitive play among the various groups and organizations. The pool is open for intramural and recreational swimming at certain times. Such facilities as the conditioning room are open for individual and group participation. This is under the supervision of staff members who direct the overall program. Individual participation with selected equipment is in the offering for those interested and concerned with their own development, and not with team participation.

The intramural program includes the following activities: speedball, touch football, tennis, volleyball, basketball, relays, softball, horsehoes, outdoor track, badminton, swimming, archery and foul throwing.

The college realizes that its curricula must be designed to meet the educational needs of the integrated personality of the individual student; this type of intramurals afford such an opportunity.

As the demand for more activities developes the facilities will be increased and the program broadened.

INTERCOLLEGIATE SPORTS

Fairmont State College sponsors an intercollegiate athletic program in football, basketball, baseball, golf, tennis, soccer, and track. There are unusually fine indoor and outdoor facilities and equipment for physical education and recreation. Every young man in college is free to participate in any one or more of the intercollegiate sports and in all recreational activities. The men making up the different teams are not a pre-selected group.

ATHLETIC POLICY

The program of intercollegiate sports at Fairmont State College is supervised by a director of athletics who also serves as chairman of the Men's Physical Education Department. He is assisted in the planning of the program by an athletic committee of the general faculty, and he is assisted in the coaching by two full-time members of the physical education and recreation departments and by part-time coaches of tennis and golf drawn from other qualified members of the staff.

The general objectives of the intercollegiate sports program at Fairmont State College are to teach young men the values of sportsmanship, good physical conditioning, and the disciplinary and social values of organized team play. Specific values include the training afforded prospective coaches and physical education instructors through participation, and the possible acquisition, to some extent, of experiences and skills which may furnish recreational outlets following graduation.

In pursuance of the policies recommended by the North Central Association, the following minimum standards governing intercollegiate athletics are maintained.

1. The ultimate responsibility for the conduct of the athletic program rests with the President.

2. The members of the coaching staff are regular members of the faculty and have the same professional status, qualifications, salaries, and tenure as other faculty members.

3. Students participating in athletics are admitted by the Director of Admissions on the same basis as other students. Athletes are required to maintain the same academic standards as non-athletes.

4. The award of scholarships, student loans, and student employment to an athlete is made through the same agency of the College and on the same basis, as grants of aid to all other students. All employed students are required to give full and honest work for pay received.

5. All athletic funds are handled by the Business Manager of the College. An audit of the receipts and disbursements of these funds is made annually by the auditors of the West Virginia Tax Commissioner for the benefit of the West Virginia Board of Education and other interested parties.

6. The College does not bring prospective athletes to the campus for tryouts, nor does it pay the expenses involved in college visitations by such persons.

7. An effort is made to compete only with colleges having similar educational and athletic policies.

8. Fairmont State College is a member of the West Virginia Intercollegiate Athletic Conference and athletic participation is regulated and controlled by the eligibility rules of the Conference. Copies of these rules are on file in the Office of the Director of Athletics.

AWARDS

At Recognition Day exercises, held near the close of each college year, awards are granted to students for outstanding achievements in various campus activities. Among these awards are the following.

The American Legion Medals for outstanding scholarship, leadership, service, courage, and honor; athletic letters to those who have met the requirements established by the Athletic Committee; jackets to senior lettermen; block letters to those members of the band who have had five semesters with at least a 3.0 average; a cash award by Zeta Beta Phi, biology honor society, to the outstanding freshman in biology; a cash award by the Fairmont Woman's Club to the freshman submitting the best written assignment of the year; the Edna Earl Lowe Memorial cash award of the American Association of University Women to the most worthy senior girl; the Louise Leonard Memorial cash award to the senior achieving the best record in elementary education; a key by Pi Gamma Mu to the senior among the Social Science majors who has the highest academic average; keys to the Four Outstanding Seniors selected by the faculty and a student committee for their superior academic achievement and campus leadership; certificates to those seniors elected to Who's Who in American Universities and Colleges; plaques to the senior student attaining distinction in college dramatic activities.

At the same time special recognition is given to those freshmen who achieved a quality point average of 3.5, or better, during the first semester of their beginning year. The Blazers, senior women's honor society announces at this time the names of the women of the junior class elected to the organization; and the Pyramid Club, men's honor society, names its new members.

ALUMNI

The Alumni Association of Fairmont State College is the official organization of all graduates and former students of the "old" Fairmont State Normal School, Fairmont State Teachers College, and Fairmont State College.

The history of the Alumni Association goes back almost to the founding of the institution. A meeting was held on Commencement Day, June 27, 1873, at which time the twenty-nine graduates formed the Association.

Events of special interest to Alumni members include the Annual Homecoming celebration held in the fall semester. An Alumni Luncheon and a reception for the graduates, the alumni, and friends of the college are events of Commencement Week. A Fairmont State College open house is held in connection with the annual meeting of the West Virginia Education Association.

Information concerning the Alumni Association may be had by writing to the Alumni Secretary, Fairmont State College, Fairmont, West Virginia.

SPECIAL SERVICES

THE SUMMER SESSION

Fairmont State College offers a twelve-week summer session each summer. This session is made up of two terms of six weeks each.

The requirements for admission and the character of the work offered are the same for the summer session as for the regular year. Credit may be earned in all departments toward the bachelor's degree or toward any of the special certificates authorized by the State of West Virginia. Courses are varied from summer to summer so that students may find suitable work with which they can build up their earned credit toward a degree or certification. For information relative to summer session fees see page 17.

All activities and facilities of the campus are available to students during the summer session. The student body is organized under its own leadership at the beginning of each session. Under their leaders, and certain members of the faculty, a general program of social, recreational, and dramatic events is scheduled.

Fairmont State College always sponsors a number of special features in connection with each summer session. Announcements of such features will be made from time to time by means of press releases, radio announcements and special information sheets.

Special bulletins for the summer session are prepared for distribution. Those interested in working toward any particular teaching certificate or degree, or in renewal of certificates, or in pre-professional courses, or in refresher courses, write for the Summer Bulletin. Address, Registrar, Faimont State College, Fairmont, W. Va.

EVENING CLASSES

Evening classes are operated for the benefit of teachers and other persons whose employment makes attendance in regular day classes impossible. Classes are ordinarly held on Wednesday evening during the hours from 6:00 to 10:00 although classes may be held at such other times as the group involved and the instructor may agree upon. These classes are considered as work done in residence.

In accordance with regulations of the State Board of Education, teachers under contract are limited to a total of nine semester hours of credit during the period of employment each year with a maximum of five credit hours per semester.

EXTENSION CLASSES

Upon request, and when it is possible to provide suitable staff, Fairmont State College will offer off-campus courses to interested groups in the general area of the state it serves. Ordinarily, an enrollment of ten or more persons is necessary before any extension courses may be offered. The enrollment fee is $7.50 per semester hour.

Extension courses may be taken either for credit or without credit, excepting those courses listed definitely as non-credit courses. Students enrolling in extension courses for credit must satisfy all the requirements for admission to Fairmont State College. The work given for credit in extension courses corresponds, as to class requirements, with that given in similar courses on the campus. The credit, however, is recorded as extension credit, and not more than 28 hours of such credit may be included in any student's 128 hour requirement for graduation.

Individuals or groups desiring information about extension courses should contact the Dean of the College.

TUTORIAL COURSES

Tutorial courses are courses coming under the "to be arranged" heading, that is, the work of the course is carried on through a series of student-instructor conferences. Regulations adopted by the Faculty of Fairmont State College governing the administration of tutorial courses provided. (1) that not more than 6 hours of the 128 hours required for graduation may be earned in courses of this character; (2) that not more than two semester hours of such credit may be earned in any one semester or term; (3) that the only students eligible to take such courses are those with 64 or more hours of earned credit and a scholastic standing of 2.5, or better. The enforcement of these regulations is in the hands of the several student advisers.

VETERANS SERVICES

Fairmont State College stands ready to assist veterans in every possible way. This assistance includes:

1. The maintenance of the Office of Veterans Coordinator for centralizing all matters pertaining to veterans Administration on the one hand and college authorities on the other.

2. Admission, under certain conditions, as special students, of the veterans who have not completed high school.

3. Allowance of a maximum of 4 semester hours of credit in physical education to those veterans presenting evidence of the completing of the basic training courses in the Armed Forces, provided the student has served one year or more.

4. Acceptance of correspondence work done with fully accredited institutions of higher education cooperating with the Armed Forces Institute for the amount of credit allowed by the institution with which the credit was earned.

5. Cooperation with the regular policy of the American Council on Education in determining and allowing credit for training received in offices or special technical schools, or in the Army Specialization and the Navy College Training Programs.

NURSING EDUCATION

For several years the Fairmont General Hospital School of Nursing has maintained an affiliation with Fairmont State College. Presently, first year students of the School of Nursing complete two semesters at the college—a major part of the preclinical program. The subjects studied include biology, English, nutrition, physical science, psychology, and sociology. This curriculum is designed to contribute effectually to the general education of the students and to provide them with a functional knowledge of the basic sciences.

The Fairmont General Hospital School of Nursing is approved by the American College of Surgeons and the American Medical Association. It is also accredited by the West Virginia State Board of Examiners for Registered Nurses and the National League for Nursing.

Graduates of a nurses' training school have the following fields open to them: army and navy nursing; civilian hospital nursing as staff nurses, supervisors, instructors, superintendents, and administrators; veteran nursing; industrial nursing; public health nursing; health relief and rehabilitation at home and abroad; child health and guidance; occupational therapy; anesthesia; clinical laboratory; X-Ray laboratory.

FACULTY FOR 1960-61

AYERS, PHYLLIS L., (1956), *Assistant Professor of History and Social Sciences;* B.S., Carnegie; M.A., Ph.D., University of Pittsburgh.

COLE, ROBERT S., (1956), *Assistant Professor of Business Education;* B.S., Bowling Green College of Commerce, M.A., West Virginia University.

COLLINS, EDMUND E., (1949), *Associate Professor of Physical Science;* A.B. and M.A., West Virginia University; Ed.D., University of Pittsburgh.

COPELAND, MARGARET E., (1952), *Assistant Professor of English;* A.B., West Virginia University; M.Ed., University of Mississippi.

COX, HOMER W., (1959), *Business Manager;* B.S., Marshall College.

CREASY, WILLIAM D., (1954), *Associate Professor of Biology;* B.S., West Virginia Institute of Technology; M.S., West Virginia University; Ph.D., State University of Iowa.

DAVIS, PAUL C., (1949), Chairman of Recreation Department, *Associate Professor of Physical Education and Recreation;* A.B., Glenville State College; M.A., Columbia University.

DAVISSON, A. PAUL, (1947), Chairman of Biology Department; *Associate Professor of Biology;* B.S., University of Kentucky; A.B., Fairmont State College; M.S., West Virginia University.

DUNN, BILLY G., (1956), *Assistant Professor of Business Administration;* B.S. Concord College; M.S., University of Kentucky.

DUVALL, HAROLD S., (1952), *Assistant Professor of Physical Education;* A.B., Fairmont State College; M.A., Columbia University.

EVANS, MARY M., (1959), *Instructor in History;* B.A., Antioch College; M.A., Ohio State University.

FEASTER, ESTON K., (1960), *President;* B.A., Fairmont State College; M.A., West Virginia University; Ed.D., George Washington University.

FLOYD, WILLIAM A., (1959), *Instructor in Physical Education;* B.S., Ohio State University.

FORD, ELEANOR M., (1946), Chairman of Physics and Physical Science Department, *Associate Professor of Physics;* B.S. and M.S., West Virginia University.

FOWLER, DWIGHT, (1956), *Assistant Professor of Industrial Arts;* B.S., West Virginia Institute of Technology; M.Ed., Wayne University.

GIBSON, VIVIAN L., (1959), *Dean of Women,* A.B., Woman's College University of North Carolina; M.A., University of Alabama; Graduate Study, Syracuse University.

GRAGSON, WESLEY, (1957), *Assistant Professor of Music;* B.S., Western Kentucky State College; Mus.M., West Virginia University.

GRAY, WAYNE T., (1951), Chairman of Sociology Department, *Professor of Sociology;* B.S., University of Nebraska; M.A. and Ph.D., University of Wisconsin.

Hall, Eva Gertrude, (1950), Chairman of Home Economics Department, *Associate Professor of Home Economics;* A.B., Fairmont State College; M.A., Columbia University.

Hanks, Mary Sue, (1960), *Instructor in Physical Education;* B.A., Fairmont State College.

Harvey, Clarence, (1959), *Assistant Professor of Education;* B.S. and M.A., West Virginia University.

Haught, Cleo D., (1925), Chairman of Chemistry Department, *Associate Professor of Chemistry;* A. B., West Virginia Wesleyan; M.S., Ohio State University.

Hess, Melva, (1951), *Assistant Professor of Home Economics;* A.B., Fairmont State College, M.S., West Virginia University.

Hogarty, John W., (1960), *Instructor in Sociology;* B.A. and M.A., Kent State University.

Hough, George B., (1955), *Lecturer in Business;* C.P.A.; B.S., West Virginia University.

House, Clifford R., Jr., (1947), *Associate Professor of Philosophy and English;* A.B., Kentucky Wesleyan College; M.Ed., University of Cincinnati; M.R.E., University of Pittsburgh.

Howard, Boyd D., (1948), Chairman of Education Department, *Professor of Education;* A.B., Union College, Ed.M., University of Cincinnati; Ed.D., University of Cincinnati.

Hunt, George R., (1931), *Dean of the College;* Ph.B., Denison University; M.A., West Virginia University; Ph.D., University of Pittsburgh.

Jaynes, Edgar N., (1947), Chairman of Business Administration and Business Education Department; *Associate Professor of Business Administration;* A.B., West Virginia University; M.B.A., Boston University.

Johnson, Cyril W., (1947), Chairman of Industrial Arts Department, *Associate Professor Industrial Arts;* B.S., Industrial Education, Stout Institute; M.A., Ohio State University.

LaRue, James A., (1954), Chairman of Mathematics Department, *Associate Professor of Mathematics;* A.B. and M.S., West Virginia University.

Lebo, Joanne, (1957), *Instructor in Journalism;* B.S.J., West Virginia University.

Leonard, Loy W., (1956), *Assistant Professor of Industrial Arts;* A.B., Fairmont State College; M.A., West Virginia University.

Lough, Jo Ann, (1956), *Assistant Professor in Speech and Dramatics;* A.B., Fairmont State College; M.A., West Virginia University.

Marple, Clora, (1954), *Assistant Professor of Education;* A.B., Glenville State College; M.A., West Virginia University.

Martin, Wayne S., (1950), *Director of Student Personnel;* B.S., West Virginia University; M.S., and Ed.D., Oregon State University.

Masters, Robert, (1960), *Assistant Librarian;* B.S., West Virginia University.

McCarty, Pearl S., (1952), *Professor of English;* A.B., Fairmont State College; M.A., West Virginia University; Ed.D., University of Florida.

Milam, Otis H., Jr., (1953), *Registrar and Director of Admissions;* B.S., West Virginia University; M.A., Marshall College.

Musick, Ruth Ann, (1946), *Associate Professor of Mathematics;* B.S., Missouri State Teachers College; M.S., State University of Iowa; Ph.D., State University of Iowa.

Naegele, Orville D., (1960), *Instructor in Geology and Geography;* B.S. and M.S., University of Cincinnati.

Opp, Paul F., (1923), *Associate Professor of English;* A.B., Mount Union College; A.M., Columbia University; Ped.D., University of Toronoto.

Palmer, Virginia Holden, (1956), *Instructor in Music;* B.M., West Virginia University.

Pinto, Gina S., (1956), *Assistant Professor of Business Education;* B.S. and M.A., West Virginia University.

Plattenburg, John W., (1957), *Instructor in Political Science;* B.S., and LL.B., West Virginia University. (Deceased)

Potesta, Woodrow A., (1948), *Associate Professor of Business Education;* B. S. and LLB., West Virginia University.

Quintrell, Dorothy E., (1955), *Assistant Professor of Biology;* B.S., Wayne State University; M.S., University of Michigan.

Rhodes, Haddon S., (1931), *Associate Professor of English;* A.B., Fairmont State College; M.A., West Virginia University.

Rhodes, Lillian L., (1951), Chairman of Art Department, *Associate Professor of Art;* B.S., Longwood College; M.A., Columbia University.

Robinson, Dorothy A. (1960), *Assistant Librarian;* B.A. Michigan State University; M.S. in L.S., University of Kentucky.

Robinson, Jay E., (1959), *Assistant Professor of Music;* B.M., Western Michigan University; M.M.E., Indiana University.

Rosier, Josephine L., (1957), *Librarian;* A.B., West Virginia University; B.S.L.S., Columbia University.

Ryals, Wesley, (1959), *Instructor in English;* B.S., Howard College; M.A.T., Duke University.

Smith G. Wayne, (1954), Chairman of Department of History, Geography and Political Science; *Professor of History;* A.B., Salem College; A.M. and Ph.D., West Virginia University.

Smoker, J. Bradley, (1959), *Assistant Professor of Speech;* A.B., Franklin and Marshall; M.A., Syracuse University.

Swiger, Elizabeth Davis, (1956), *Assistant Professor Chemistry;* B.S. and M.S., West Virginia University.

Tate, Marjorie, (1926), *Associate Professor of English;* B.S., Central Missouri State College; M.A., George Peabody College.

Taylor, J. Martin, (1946), *Professor of Education;* A.B., Fairmont State College; M.A., West Virginia University; Ed.D., University of Colorado.

Terry, Elizabeth, (1941), Chairman of Foreign Language Department, *Associate Professor of Foreign Languages;* A.B., Marietta College; A.M., University of Wisconsin.

Turley, George, (1941), *Dean of Men;* A.B., Fairmont State College; M.A., West Virginia University.

Turner, William P., Jr., (1955), *Assistant Professor of History;* A.B., M.A. and Ph.D., West Virginia University.

VanBrocklin, Ralph M., (1959), *Associate Professor of History;* B.A., University of Hawaii; M.A., Stanford University; Ph.D., University of Michigan.

Wallman, Lawrence A., (1929), Chairman of Speech and Dramatics Department; *Associate Professor of Speech and Dramatics;* A.B. and M. A., West Virginia University.

Walters, Nelle E., (1947), Chairman of Women's Physical Education Department; *Associate Professor of Physical Education;* A. B., West Virginia University; M.A., George Peabody College.

Ward, George, (1953), Chairman of Psychology Department, *Assistant Professor of Psychology;* A.B. and A.M., West Virginia University; A. M., Harvard University.

Weihe, Kenneth G., (1950), Chairman of English Department, *Professor of English;* B.S., College of Wooster; M.A. and Ph.D., Yale University.

Wellock, Richard Parker, (1960), Chairman of Music Department; *Associate Professor of Music;* B.S., Southwest Missouri State College; M.A., Columbia University.

Whoolery, Kenneth, (1959), *Assistant Professor of Mathematics;* A.B., Fairmont State College; A.M., West Virginia University.

Willard, Margaret S., (1949), *Associate Professor of Education;* A.B., Fairmont State College; A.M., West Virginia University.

Williams, Louis R., (1959), *Associate Professor of Art;* B.S. in Education, Bowling Green State University; M.A., Ohio State University.

Wilson, W. R., (1939), Chairman, Department of Physical Education; *Associate Professor Physical Education;* A.B., Fairmont State College; M.A., Columbia University.

Wise, Kenneth G., (1948), *Associate Professor of Industrial Arts;* B.S., Ohio University; M.A., Ohio State.

Yost, Paul V., (1960), Coordinator of Field Services; *Associate Professor of Education;* B.A., Shepherd College; M.A., West Virginia University.

RETIRED MEMBERS OF FACULTY

Jasper H. Colebank, B.A., *Physical Education.*
Eva Day Compton, M.A., *Home Economics.*
Frank Hall, M.A., *Education.*
Maud M. Hull, M.A., *Education.*

Ethel Ice, M.A., *German.*
M. E. McCarty, M.A., *Mathematics.*
Mary B. Price, *Music Supervisors Diploma, Music.*
Jean E. Richmond, M.A., *Home Economics.*
Harold F. Rogers, M.A., *Chemistry.*
Francis Shreve, Ph.D., *Education.*
Herman Arthur Shutts, M.A., *Mathematics.*
R. P. Ward, Ph.D., *Chemistry.*
Frank S. White, Ed.D., *Education.*

ADMINISTRATIVE ASSISTANTS

Katharyn E. Smith, A.B., *Assistant Registrar.*
Ruth L. Hawkins, A.B., *Cashier.*
Joyce Martin, *Director of the Film Service.*
Nell Prichard Carson, A.B., *Assistant to the Librarian.*
Pearl Brown, *Head Resident at Morrow Hall.*
Roxy Dillon, *Head Resident at Pence Hall.*
Doris N. Davis, B.S., *Director of Food Service.*
Georgia Peters, R.N., *College Nurse.*
Maxine Pruitte, A.B., *Manager of the Book Store.*
Noretta Jean Byrd, *Office of Student Affairs.*
Beulah Cole, *Administrative Secretary.*
Joanne Yerace, *Assistant to the Registrar.*

JAYENNE LABORATORY SCHOOL

Michael R. Spevock, M.A., *Principal.*
Geraldine Wildman, M.A., *First Grade.*
Patricia Nixon, A.B., *First and Third Grades.*
Ruth E. Oney, A.B., *Second Grade.*
Olene S. Crouser, A.B., *Third Grade.*
Ruth Wilderman, A.B., *Fourth Grade.*
Helen McConnaughy, A.B., *Fifth Grade.*
Jane Meyer, A.B., *Sixth Grade.*

WHITE LABORATORY SCHOOL

Byron Miller, M.A., *Principal.*
Eleanor B. McCullough, M.A., *First grade.*
Eleanor Michael, B.A., *First Grade.*
Katherine Jones, M.A., *Second Grade.*
Helen Wise, A.B., *Second Grade.*
Ruth Fitch, A.B., *Third Grade.*
Hazel Nuzum, A.B., *Third Grade.*
Ethel Nixon, M.A., *Fourth Grade.*
Gladys Nunnally, A.B., *Fourth and Fifth Grades.*
Roselyn Straight, B.A., *Fifth Grade.*
Polly H. McWhorter, B.A., *Sixth Grade.*

FACULTY COMMITTEES

- Academic Council
- Administrative Council
- Admission and Credits
- Athletics
- Campus Planning and Development
- Campus Safety, Welfare, and Security
- Commencement
- Courtesy
- Curriculum
- Discipline
- Faculty Welfare
- Library
- Planning
- Program
- Public Relations
- Sabbatical Leave
- Scholarship, Loan and Student Aid
- Student Center
- Student Activities
- Test Selection
- Travel

FACULTY ADVISORS

ART:		
	Upperclassmen	Miss Rhodes
	Freshmen	Mr. Williams
BIOLOGICAL SCIENCES:		
	Upperclassmen	Mr. Davisson
	Freshmen	Mr. Creasy
BUSINESS AND ECONOMICS:		
	Upperclassmen	Mr. Jaynes
	Freshmen	Mr. Dunn
	Teaching	Mr. Cole
CHEMISTRY:		
	Upperclassmen	Mr. Haught
	Freshmen	Mrs. Swiger
EDUCATION, ELEMENTARY:		
	Upperclassmen	Miss Marple, Mr. Taylor
	Freshmen	Miss Marple
ENGLISH:		
	Upperclassmen	Mr. Weihe
	Freshmen	Miss Tate
	Journalism	Staff
HISTORY AND SOCIAL STUDIES:*		
	Upperclassmen	Mr. Smith
	Freshmen	Mr. Turner
HOME ECONOMICS:		
	Upperclassmen	Miss Hall
	Freshmen	Mrs. Hess
LANGUAGES—FRENCH, GERMAN, SPANISH		Miss Terry
INDUSTRIAL ARTS:		
	Upperclassmen	Mr. Johnson
	Freshmen	Mr. Leonard, Mr. Fowler, Mr. Wise
LIBRARY SCIENCE		Mrs. Rosier

MATHEMATICS:
Upperclassmen .... Mr. LaRue
Freshmen .... Mr. Whoolery

MUSIC:
Upperclassmen .... Mr. Wellock
Freshmen .... Mr. Gragson, Mr. Robinson

NURSING EDUCATION .... Mrs. Quintrell

PSYCHOLOGY .... Mr. Ward

PHYSICAL EDUCATION:
(Men):
Upperclassmen .... Mr. Wilson
Freshmen .... Mr. Duvall
(Women):
Upperclassmen .... Miss Walters
Freshmen .... Staff

PHYSICAL SCIENCE (Teaching Field): .... Mr. Haught

PHYSICS .... Mr. Ford

PRE-PROFESSIONAL:
Dentistry .... Mr. Haught
Law .... Mr. Smith
Medicine .... Mr. Davisson
Nursing Education .... Mr. Davisson
Pharmacy .... Mr. Haught

RECREATION .... Mr. Davis

SECRETARIAL STUDIES .... Mrs. Pinto

SOCIOLOGY AND SOCIAL STUDIES*
Upperclassmen .... Mr. Gray
Freshmen .... Staff

SPEECH AND DRAMATICS:
Upperclassmen .... Mr. Wallman
Freshmen .... Miss Lough

SPECIAL STUDENTS .... Dean Hunt

TERMINAL (Two-Year) CURRICULA:
Accountancy .... Mr. Cole
Clerical .... Mrs. Pinto
General Education .... Mrs. McCarty

UNDECIDED: Miss Ayers, Mr. Collins, Miss Lough, Mrs. McCarty, Miss Musick, Mr. Rhodes, Miss Tate, Mr. Taylor.

*Students who wish to qualify for teaching Social Studies with the major part of their work in the Department of History, Geography, and Political Science will have Mr. Smith and Mr. Turner as advisors; those who choose sociology will have Mr. Gray as adviser.

FAIRMONT COLLEGE LIBRARY

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FAIRMONT COLLEGE LIBRARY

☐ Professional Certificate—Grades 1-12

☐ Professional Certificate—Non-Academic (Grades 1-12 in ☐ Music or ☐ Art) — Check one.

☐ Professional Certificate—Grades 7-12. Select two teaching fields from following:

- ☐ Biological Science
- ☐ Biological and Gen. Science
- ☐ Commerce-Business Prin.
- ☐ Commerce-Occupational
- ☐ English
- ☐ French
- ☐ Home Economics
- ☐ Industrial Arts
- ☐ Mathematics
- ☐ Music
- ☐ Physical Education
- ☐ Physical Science
- ☐ Physical & General Science
- ☐ Social Science
- ☐ Spanish
- ☐ Speech
- ☐ Undecided

Write a statement descriptive of your purpose in undertaking a college program.

FAIRMONT STATE COLLEGE
Fairmont, W. Va.

APPLICATION FOR ADMISSION

Applicants for admission to Fairmont State College are requested to fill in this application and return it to the Director of Admissions at least fifteen days prior to the opening of the semester for which they wish to enroll. A transcript of high school credits for incoming Freshmen and a transcript of college work for upperclassmen, should be sent by the institution in which the credit was earned to the Director of Admissions. All correspondence concerning admission should be addressed to: Director of Admissions, Fairmont State College, Fairmont, W. Va.

Recent
Snapshot

Name in Full.. Date....................
Last First Middle Mo. Day Year

Home Address..

Date of birth.................... Place of birth.................... Race....................
Mo. Day Year

Name and address of parent or guardian..

Occupation of Father (If deceased, Mother)..

High School attended.................................... Date of graduation....................

Name of college attended, if any..

Dates of college attendance.................................... Semester hours of credit....................

Why did you withdraw from that college?..

When do you wish to enroll in Fairmont State College?..

Are you registering under the G.I. Bill of Rights?..

List High School Extra-Curricular Experiences, Including Clubs, Class Officers, Honors, Athletics, Music, Dramatics, Publications, etc.

TYPE (Social, honor, etc.)	PARTICIPATION (Little, average, unusual amt.)	School Year Interested	AWARDS	OFFICES HELD

(over)

Check types of activities you would be interested in continuing at Fairmont State College:

☐ Band ☐ Chorus ☐ Dramatics ☐ Athletics ☐ Other ....
(Indicate Type)

In what department of the college do you wish to enroll? This information is essential as advisers are assigned on this basis.

A. TWO-YEAR CURRICULA LEADING TO ASSOCIATE CERTIFICATE IN THE FOLLOWING FIELDS:

☐ Accounting ☐ Secretarial ☐ Clerical ☐ General Education

B. PRE-PROFESSIONAL COURSE:

- ☐ Pre-Dental
- ☐ Pre-Social Work
- ☐ Pre-Law
- ☐ Pre-Medical Technology
- ☐ Pre-Medicine
- ☐ Pre-Nursing

C. BACCALAUREATE DEGREE IN THE FOLLOWING FIELDS: (Check One)

- ☐ Art
- ☐ Biology
- ☐ Business Ad.
- ☐ Chemistry
- ☐ English
- ☐ French
- ☐ History
- ☐ Home Economics
- ☐ Industrial Arts
- ☐ Mathematics
- ☐ Music
- ☐ Philosophy and Psych.
- ☐ Physical Ed.
- ☐ Physics
- ☐ Recreation
- ☐ Secretarial Studies
- ☐ Sociology
- ☐ Spanish
- ☐ Speech & Dramatics
- ☐ Undecided

D. BACHELOR OF ARTS IN EDUCATION

☐ Professional Certificate—Grades 1-9

☐ Professional Certificate—Grades 1-12

☐ Professional Certificate—Non-Academic (Grades 1-12 in ☐ Music or ☐ Art) — Check one.

☐ Professional Certificate—Grades 7-12. Select two teaching fields from following:

- ☐ Biological Science
- ☐ Biological and Gen. Science
- ☐ Commerce-Business Prin.
- ☐ Commerce-Occupational
- ☐ English
- ☐ French
- ☐ Home Economics
- ☐ Industrial Arts
- ☐ Mathematics
- ☐ Music
- ☐ Physical Education
- ☐ Physical Science
- ☐ Physical & General Science
- ☐ Social Science
- ☐ Spanish
- ☐ Speech
- ☐ Undecided

Write a statement descriptive of your purpose in undertaking a college program.

Check types of activities you would be interested in continuing at Fairmont State College:

☐ Band ☐ Chorus ☐ Dramatics ☐ Athletics ☐ Other ________________
(Indicate Type)

____

In what department of the college do you wish to enroll? This information is essential as advisers are assigned on this basis.

A. TWO-YEAR CURRICULA LEADING TO ASSOCIATE CERTIFICATE IN THE FOLLOWING FIELDS:

☐ Accounting
☐ Secretarial
☐ Clerical
☐ General Education

B. PRE-PROFESSIONAL COURSE:

☐ Pre-Dental
☐ Pre-Social Work
☐ Pre-Law
☐ Pre-Medical Technology
☐ Pre-Medicine
☐ Pre-Nursing

C. BACCALAUREATE DEGREE IN THE FOLLOWING FIELDS: (Check One)

☐ Art
☐ Biology
☐ Business Ad.
☐ Chemistry
☐ English
☐ French
☐ History
☐ Home Economics
☐ Industrial Arts
☐ Mathematics
☐ Music
☐ Philosophy and Psych.
☐ Physical Ed.
☐ Physics
☐ Recreation
☐ Secretarial Studies
☐ Sociology
☐ Spanish
☐ Speech & Dramatics
☐ Undecided

D. BACHELOR OF ARTS IN EDUCATION

☐ Professional Certificate—Grades 1-9

FAIRMONT COLLEGE LIBRARY

FAIRMONT STATE COLLEGE

CATALOG

&

BULLETIN

1963-1965

GENERAL INFORMATION

IMPORTANT NOTICES

CORRESPONDENCE: To avoid delay correspondence should be addressed as indicated below:

Admissions

For everything concerned with the admission of students, including requests for the college catalogue and other publications, academic credits, and information about fees, address:
The Registrar and Director of Admissions

General College Interest and Development, address:
The President

The Faculty, Curricula, Instruction, Summer Session, Evening and Extension Classes, address:
The Dean of the College

Guidance and Counseling, Student Employment, and Placement, address:
The Director of Student Personnel

Housing for Women, Admission to the Dormitory, etc., address:
The Director of Admissions

Housing for Men, Admissions to Veterans' Housing Units, etc., address:
The Director of Admissions

Scholarship and Loan Information, address:
Chairman, Scholarship and Loan Comm.

Student Accounts, Deferred Payments, and Purchases, address:
The Business Manager

Alumni Activities, address:
The Alumni Secretary

Veterans' Affairs, address:
The Dean of Men

CATALOG: Students are urged to secure **and to retain throughout the period of their enrollment** a copy of the annual catalog for the year in which they entered. Unless changes beyond the control of Fairmont State College occur, or an unusually long period ensues between original enrollment and candidacy for graduation, students will be permitted to graduate under requirements prevailing at the time of entrance. Fairmont State College reserves the right to change any provision or requirement of this catalog.

FAIRMONT
STATE COLLEGE

Volume XCII JANUARY 1, 1963 Number 1

1867

GENERAL CATALOG
1963-65

- *Picture on Cover is Aerial View of Campus showing One-Room School Museum between Gym and Science Hall.—Photo by Photocrafters.*

FAIRMONT, WEST VIRGINIA

PENCE HALL—Modern in every detail, the Men's Dorm was completed in 1959 with accommodations for 132 men. The spacious and picturesque lounge is the last word in comfort and overlooks the nearly 80 acres of landscaped campus. In addition to television and game rooms, the building has a laundry unit for the men's use.

WELCOME ABOARD
MIAMI NEW YORK

Fair

MORROW HALL—Traditional Women's Residenc
tree-studded Fairmont State campus, has facilities
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a spacious social lounge, television and recreation
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WELCOME ABOARD
NEW YORK

MORROW HALL—Traditional Women's Residence in quiet section of tree-studded Fairmont State campus, has facilities for 120 women. The beautiful structure was completely modernized in 1958. The hall has a spacious social lounge, television and recreation areas, private laundry facilities and a model cafeteria.

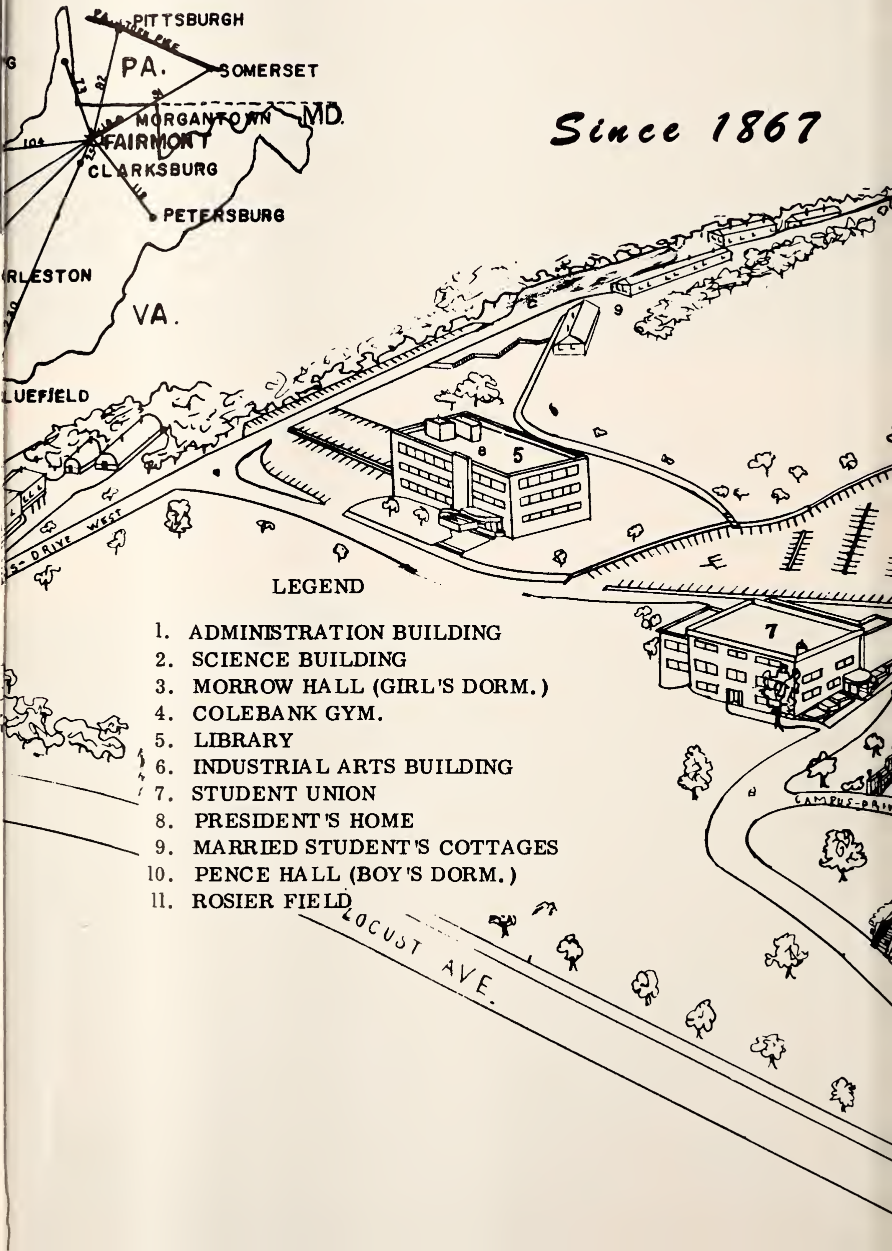
FAIRMONT COLLEGE LIBRARY

CAMPUS

mont State College

Fairmont, West

Since 1867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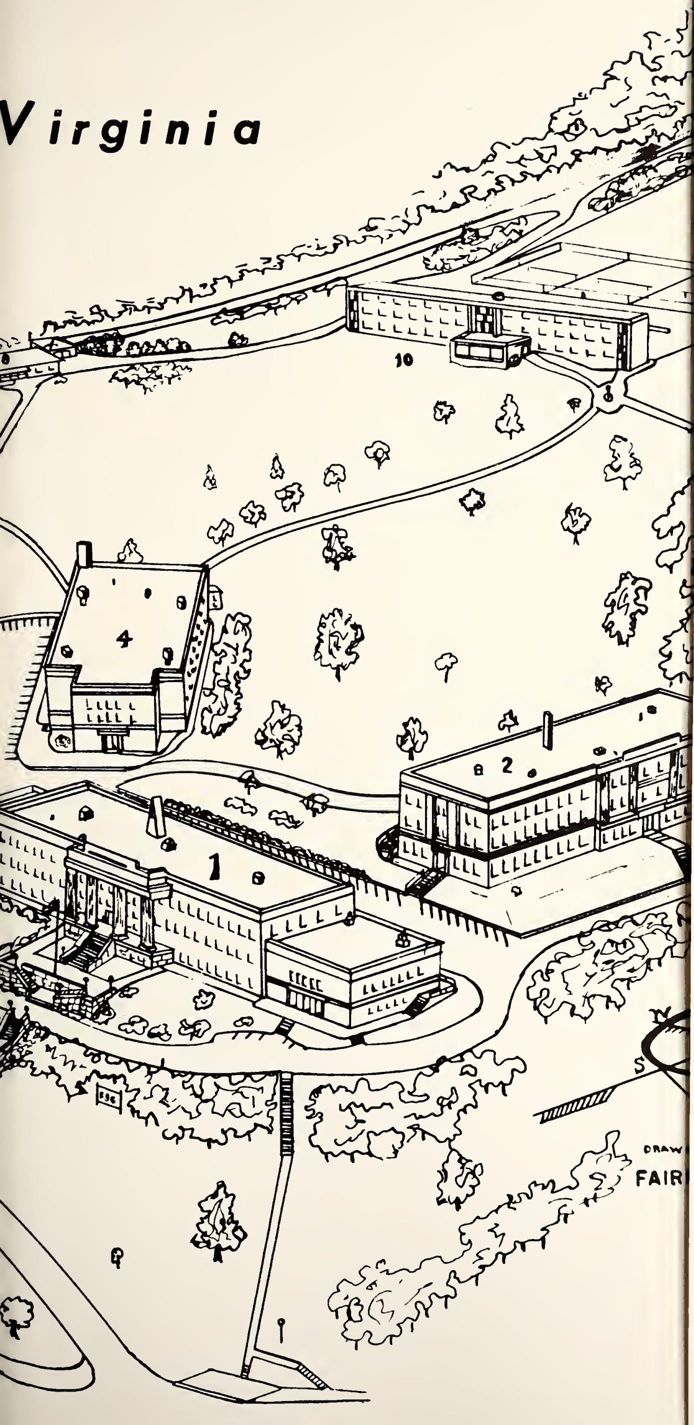
2. SCIENCE BUILDING
3. MORROW HALL (GIRL'S DORM.)
4. COLEBANK GYM.
5. LIBRARY
6. INDUSTRIAL ARTS BUILDING
7. STUDENT UNION
8. PRESIDENT'S HOME
9. MARRIED STUDENT'S COTTAGES
10. PENCE HALL (BOY'S DORM.)
11. ROSIER FIELD

GUIDE

Virginia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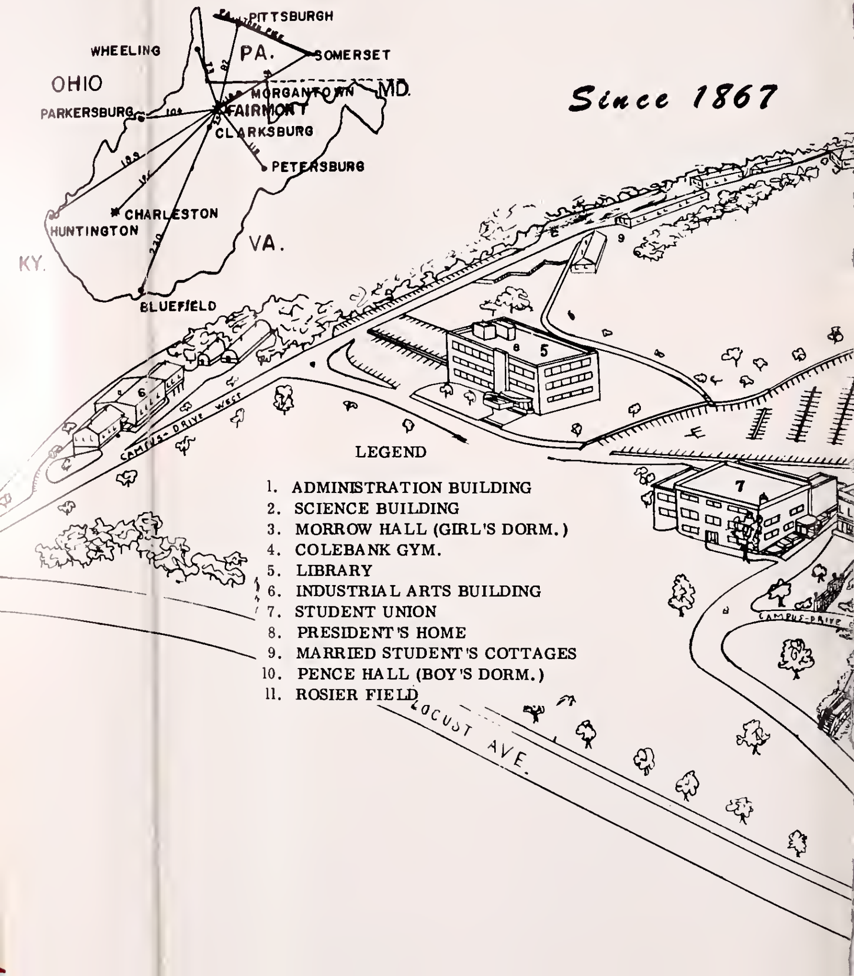
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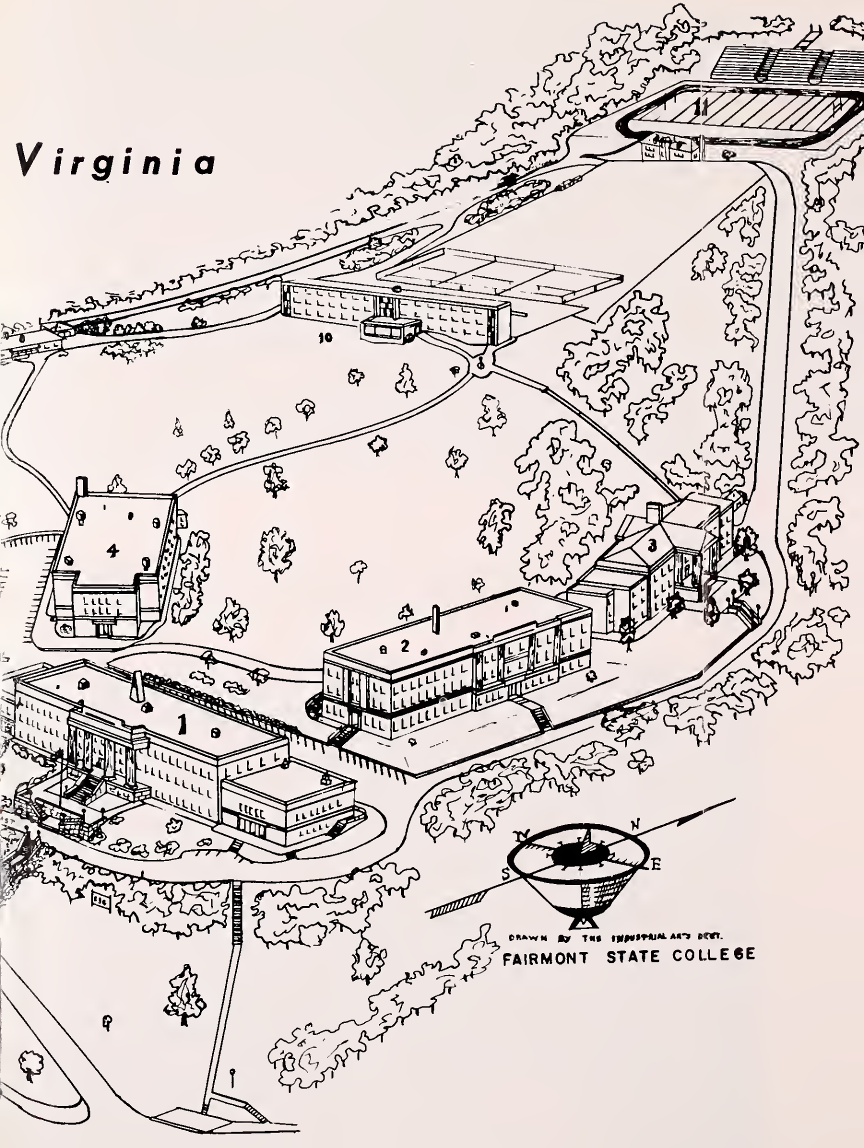
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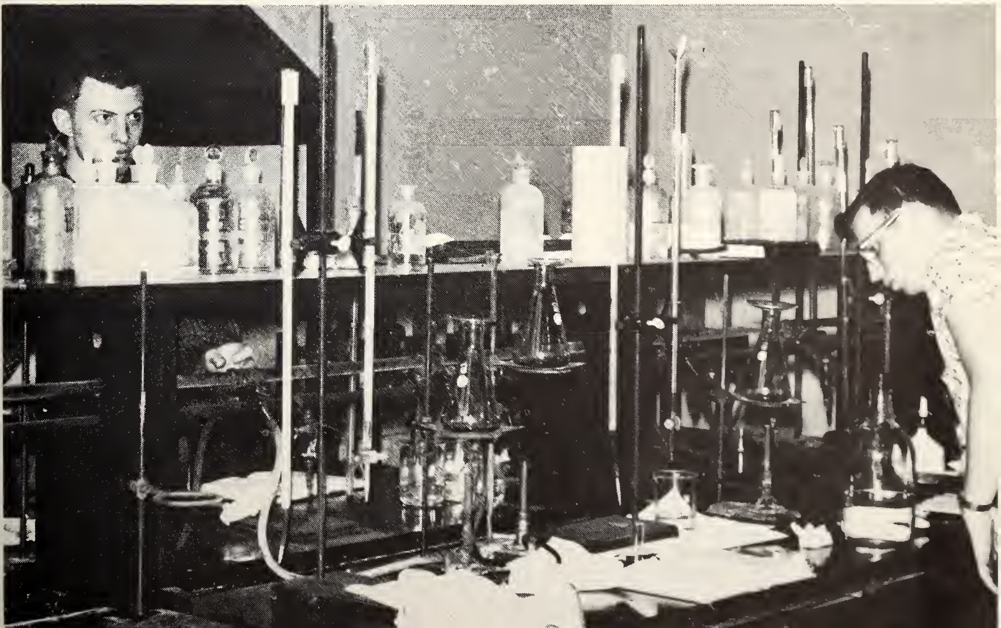
FAIRMONT STATE COLLEGE

FAIRMONT COLLEGE LIBRARY

ERN LIBRARY—*Over 60,000 volumes nestle in this new white air-conditioned structure. Well staffed with quiet areas, conducive dy and research, the building is also another area where students njoy themselves.*

SCIENCE HALL

COMPLETE SCIENCE HALL—With the finest instructors and laboratory facilities, the Science Hall has comfortable lecture rooms and class units for Biology, Chemistry, Physics, Zoology, Home Economics and Business classes.



MODERN LIBRARY—Over 60,000 volumes nestle in this new white brick, air-conditioned structure. Well staffed with quiet areas, conducive to study and research, the building is also another area where students will enjoy themselves.

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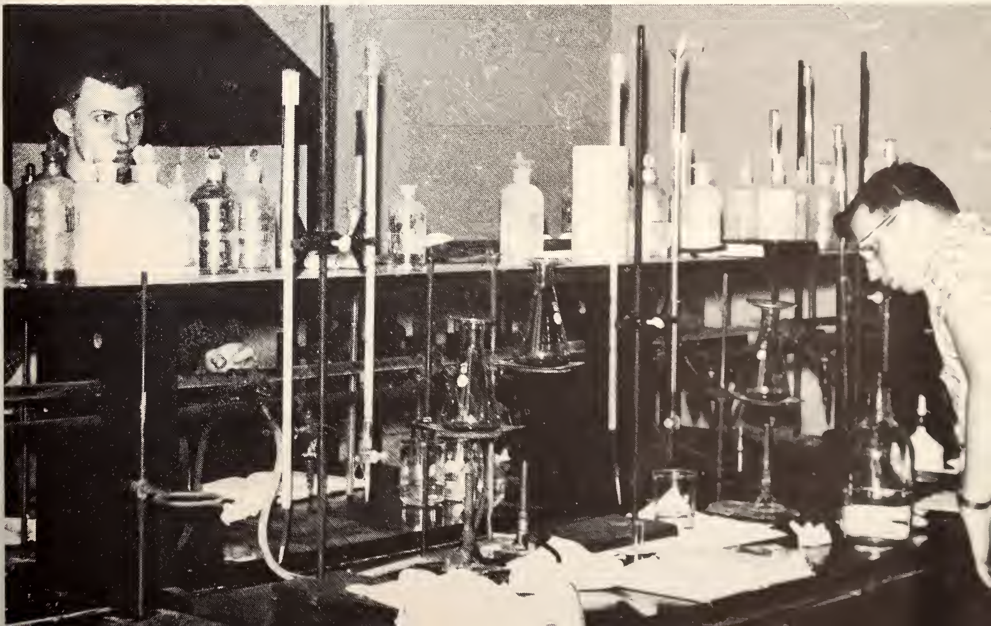

STUDENT CENTER

STUDENT CENTER—Where the students may have relaxing moments between classes and of evenings on a small budget. Here too, is a spacious ballroom, Student Council room, modern lounge and Coral Room. . . . all in addition to snack bar, basement recreation room, and Book Store. Built in 1959.

PRESIDENT'S HOME—The home of President and Mrs. E. K. Feaster sits majestically on a pine-covered knoll, overlooking the major portion of the campus.

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CALENDAR FOR 1963-1964

June	10	Monday	Registration for First Term Summer School
June	11	Tuesday	First Classes—First Term
June	11	Tuesday	Last Enrollment day First Term
July	4, 5	Thurs., Fri.	Classes not in session
July	16	Tuesday	Final classes, First Term
July	17	Wednesday	Registration for Second Term Summer School
July	18	Thursday	First Classes, Second Summer Term Last Enrollment day for Second Term
Aug.	20	Tuesday	Final Classes, Second Term
Sept.	8	Sunday	Freshman Arrival on Campus
Sept.	9-13	Mon.-Fri.	Freshman Orientation Program
Sept.	10	Tues., 10 A.M.	Faculty Meeting
Sept.	11	Wed., 6-8 P.M.	Registration for Evening Classes
Sept.	13	Friday	Registration Late Registration after this date
Sept.	16	Monday	First Classes
Sept.	18	Wednesday	Final Registration for Evening Classes
Sept.	20	Friday	Last day for Enrollment, First Semester. No new classes may be added after September 20
Nov.	8	Friday	Mid-Semester reports due, 4 P.M.
Nov.	26	Tuesday	Thanksgiving Recess begins at 10 P.M.
Dec.	2	Monday	Classes resume at 8 A.M.
Dec.	10-13	Tues.-Fri.	Pre-Registration, Second Semester, 1963-64
Dec.	20	Friday	Christmas Recess begins at 5 P.M.
Jan.	6	Monday	Classes resume at 8 A.M.
Jan.	16-22	Thurs.-Wed.	Final Examinations, First Semester
Jan.	23-24	Thurs., Fri.	Semester Recess
Jan.	27	Monday	Registration for Second Semester
Jan.	28	Tuesday	First Classes Meet
Jan.	29	Wednesday	Registration for Evening classes, 6-8 P.M.
Jan.	31	Friday	Final Enrollment date for Second Semester No classes may be scheduled after January 31
Feb.	5	Wednesday	Final Registration for Evening Classes
March	27	Good Friday	Mid-Semester reports due at 12 P.M. Spring Recess begins at 12 P.M.
March	30	Monday	
through			Spring Recess
April	3	Friday	
April	5	Monday	Class Resume, 8 A.M.
April	28	Tuesday	
through			Pre-Registration for Summer 1964
May	1	Friday	and First Semester 1964-65
May	21-27	Thurs.-Wed.	Final Examinations, Second Semester
May	28	Thursday	Reception for Graduates and Friends, 8 P.M.
May	29	Friday	Commencement Exercises

FAIRMONT STATE COLLEGE

FAIRMONT, WEST VIRGINIA

Established 1867

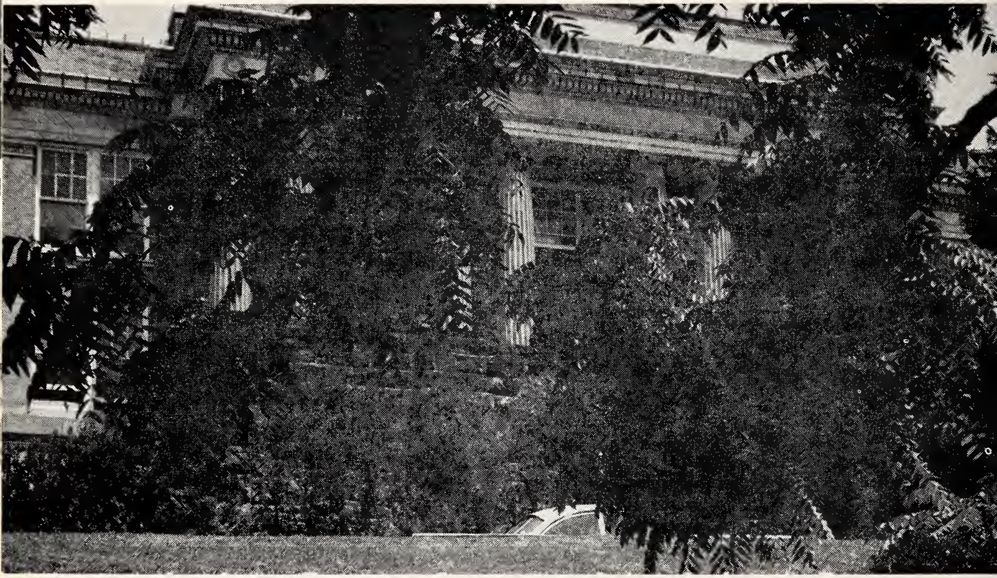
WEST VIRGINIA BOARD OF EDUCATION

The State Board of Education has complete control over the educational, administrative, and fiscal policies of Fairmont State College. The personnel list of the present board follows:

Mrs. C. R. Davisson, *President,* Weston	1963
A. H. Spangler, *Vice-president,* Bluefield	1966
Lacy T. Rice, Martinsburg	1967
Joseph C. Jefferds, Charleston	1965
S. J. Baskerville, Charleston	1971
Perce J. Ross, Buckhannon	1968
Charles H. Brown, Kingwood	1969
Anagene P. Bartram, Kenova	1970
Stephen J. Russek, Wheeling	1964

Rex Smith, *State Superintendent of Free Schools,*
member ex officio, Charleston
H. K. Baer, *Secretary and Director of Teacher Training,* Charleston
William Osborne, *Administrative Assistant,* St. Albans
George T. West, *Supervisor of Buildings and Maintenance,* Hurricane

FAIRMONT STATE COLLEGE



Administration Building

Administrative Officers of the College

Eston K. Feaster, Ed.D., *President*

Paul V. Yost, M.A., *Dean of the College*

George H. Turley, M.A., *Dean of Men, Coordinator of Veterans' Affairs*

Roxy Dillon, M.A., *Dean of Women*

Hunter J. Conrad, M.A., *Director of Student Personnel*

Otis H. Milam, Jr., M.A., *Registrar, Director of Admissions*

Josephine L. Rosier, B.S.L.S., *Librarian*

Wilford R. Wilson, M.A., *Director of Athletics*

Homer W. Cox, B.S., *Business Manager*

Harry C. Fleming, M.D., *Director of Student Health Service*

Edgar L. Williams, Jr., B.S., *Superintendent of Buildings and Grounds*

GENERAL INFORMATION

LOCATION

Fairmont State College is a coeducational institution of higher education located at Fairmont, West Virginia. Fairmont is a city of about 30,000 population, the county seat of Marion County, and the center of the coal industry of northern West Virginia. It is the operating headquarters and home of a number of large coal, utility, and manufacturing concerns. The city offers unusual cultural and economic advantages. It possesses excellent stores, several theatres, and numerous churches of all faiths. Community groups provide excellent outlets for local talent. Student and faculty members of Fairmont State College are encouraged to take an active part in these various community activities.

PURPOSE AND AIMS

Fairmont State College is a four-year state college whose purpose is to serve its area and the state at large by offering such undergraduate curricula in general and vocational education as the West Virginia Board of Education may approve from time to time.

Under this board directive, Fairmont State College offers curricula for the preparation of elementary and high school teachers and curricula leading to degrees in the liberal arts and sciences. Besides the courses terminating with the granting of degrees, Fairmont State College offers two-year curricula in several areas and two or three years of pre-professional training in a number of fields.

The evening classes and extension programs offered are designed to meet the needs of in-service teachers of the area and to provide local business and professional people opportunities for additional training in their particular fields.

In addition to its formal academic program, the College is interested in participating actively in worthwhile community projects. To that end, it is the policy of the college administration to share with the community the cultural program and physical facilities of the College.

By providing a suitable environment, good equipment, and a well-trained staff, Fairmont State College aims to offer for its students training that should equip them with vocational and personal fitness for life, and to provide the community with a source of information and culture.

HISTORY

Founded as a private teacher training school in 1865, Fairmont became a state supported normal school in 1867. Housed originally in space provided by a local church, Fairmont State College has since occupied sites at the heads of Adams Street and at Second Street and Fairmont Avenue in the block now containing the United States Post Office. In 1917 the College was moved to its present location on Locust Avenue.

Fairmont State College is the oldest existing normal school south of the Mason and Dixon Line, and the earliest recipient of aid from the George Peabody Fund. Operated as a teacher training school with some academic work on the secondary school level, Fairmont's scope was widened in 1908 when teachers were permitted examinations. In 1924 Fairmont granted its first bachelor's degree in education on the basis of the completion of a four year college course. In 1931 the Legislature changed the name of Fairmont State Normal School to Fairmont State Teachers

College. The title was again changed by the Legislature in 1943 to FAIRMONT STATE COLLEGE, and authorization was given to offer Bachelor of Arts and Bachelor of Science degrees. As a result of these developments, Fairmont is now authorized and equipped to offer a wider educational service to the people of West Virginia than ever before in its long history.

CAMPUS

The Fairmont State College Campus consist of over seventy acres with its principal frontage on Locust Avenue Extension. On a commanding site overlooking much of the city of Fairmont, the college is readily accessible to all students by private car or public transportation.

BUILDINGS AND EQUIPMENT

Fairmont State College possesses an unusually modern and well-equipped physical plant.

The Administration Building is the oldest and largest building on the campus. In addition to the administrative offices, it houses numerous classrooms, and other facilities. Centered by its famous "columns," the Administration Building presents an impressive frontage to Locust Avenue, one of Fairmont's busiest thoroughfares.

An Auditorium with a seating capacity of 500 persons is located in one wing of the Administration Building. Here dramatic productions, concerts, assemblies, and other important campus activities are carried on.

The Library Building is a three story structure of steel, concrete, glass and brick. Functional rather than monumental in design, it emphasizes accessibility of books, attractive informal appearance, good lighting, acoustical treatment and mechanical ventilation. In addition to the usual library facilities and services, there is a typing room for use of students, a number of individual study desks and carrells, music listening facilities, an art materials room, two seminar rooms and a moving picture screening room.

At the present time there are approximately 56,000 volumes, exclusive of government documents for which the Library is an approved depository. The Library receives many daily newspapers and more than 324 periodicals. It also operates a film rental service for the benefit of the several departments and campus organizations. The Library maintains a collection of over 400 albums of records for faculty and student use.

Science Hall is a large, light-brick building housing the departments of Mathematics, Natural and Biological Science, Home Economics, and Business Administration.

Colebank Gymnasium is one of the newer campus buildings. It contains two gymnasiums, one for men and one for women. It also contains a fine swimming pool, classrooms, lockers, showers, equipment, and officer rooms. It is constantly in use for the various activities of the Physical Education Department and for the campus generally.

Morrow Hall is a three story, light-brick building, built as a women's dormitory. Recently this building has been enlarged by constructing a new wing at each end of the older structure. The modernized structure will now accommodate 124 women. Included in the building is the College Cafeteria.

Pence Hall, a Men's Dormitory is a new three story, light-brick building, located on a commanding site above the main campus. The building has accommodations for 132 men, and a resident manager. A handsome and commodious lounge area is included. Meals are not served in this building, but in the College Cafeteria.

The College Cafeteria is located on the ground floor of Morrow Hall. This area has just been thoroughly renovated and modernized. Service capacity has been doubled. A convenient lounge area for men and women has been provided.

The Industrial Arts Building is a single story-frame building with full basement. It is 195 feet long and contains a central section 75'x40', and two wings, each 60'x25'. The building is so constructed that it can be brick veneered to match the rest of the campus units. It is well designed to provide the necessary space for an integrated course in all phases of industrial arts work. A smaller unit of the quonset hut type is available, in an adjoining location, for additional offerings in the Industrial Arts field.

The Music Practice Studio, situated to the rear of Colebank Gymnasium, provides studios and practice rooms for the Music Department.

The Field House, situated on Rosier Field, is equipped with dressing rooms, lockers, and showers for visiting and local football and baseball teams.

Rosier Field, situated at the upper end of the campus, is one of the beauty spots of Fairmont. Space is provided for a large football field, practice fields, baseball diamond and parking space. A concrete stadium capable of seating 5,500 spectators is provided. Nearby are 6 tennis courts.

The President's Home is a ranch-type structure of brick construction, situated on a knoll overlooking the main campus.

Campus Apartments, situated in nine barracks type buildings, are available on the campus for rental to married students. These units are conveniently located with regard to classrooms, the student union, library, and gymnasium. Accommodations are currently available for 32 married men.

Student Union Building, a light-brick building, situated centrally on the campus, contains the snack bar, the College Bookstore, a large ballroom, and other social and operating facilities. This building is the center for all student activities on the campus.

One-Room-School Museum was brought to campus and reassembled as a Centennial project. Open as tourist attraction, and contains artifacts of yesteryear such as books, stove, recitation bench and desks, school bell, etc.

ACADEMIC INFORMATION

ACCREDITING

Fairmont State College is fully accredited by the North Central Association of Colleges and Secondary Schools and the National Council for Accreditation of Teacher Education. The College also holds membership in the American Association of Colleges for Teacher Education, the Association of American Colleges, the American Council on Education, the National Commission on Accrediting, and the American Association of University Women. These affiliations guarantee to Fairmont State College graduates and students full recognition of their earned credits in other colleges and universities.

DEGREES

The degrees granted by Fairmont State College are Bachelor of Science, Bachelor of Arts, and Bachelor of Arts in Education. For each degree 128 semester hours of credit are required. The number of quality points required for a degree is not less than 256, but may be more, for each student must average two points for each semester hour attempted. This is to say that the quality point average is computed by using all courses entered on the student's permanent record card. No student shall be awarded more than one baccalaureate degree.

ADMISSION

General Admission Procedure—All students desiring admission to Fairmont State College, whether directly from high school or as a transfer student from another college or university, must file an application for admission and health record on forms provided by the Registrar and Director of Admissions. All correspondence relative to admission and all credentials in support of an application must be on file at least two weeks prior to the opening of a semester or term.

Admission of West Virginia High School Graduates—Graduates of approved West Virginia High Schools are eligible if they rank in the upper three-fourths of the graduating class, have completed at least 17 units of work (including the prescribed units cited below), and have no severe health or character defect. The following high school units are required for admission:

English—4 units
    Must be basic English with no substitutes such as speech, journalism, or drama.

Science—2 units
    One of which must be biology. The second unit must be a basic science such as general science, chemistry, physical science, physics, etc.

Mathematics—2 units
    One of which must be algebra.

Social Studies—3 units
    One of which must be American history.

Health and Physical Education—1 unit.
    Unless waived by the high school principal upon written recommendation of a physician.

Foreign Language—2 units recommended
    The two units should be in the same language.

Graduates of approved secondary schools who rank in the lower quarter of the graduating class may be admitted provide they have attained a composite standard score of 14 or above on the American College Test administered during the senior year or summer prior to admission to college.

Admission of Out-of-State Students—Applicants whose legal residence is in a state other than West Virginia may be granted admission if they rank in the upper half of their graduating classes, meet the subject matter pattern required for resident students, have the recommendation of the high school principal or counselor, and have no evidence of severe health or character defect.

Provisional Admission of High School Juniors—Provisional admission will be granted high school juniors who have attained a 3.0 ("B") average or better on at least 12 units of the college preparatory curriculum at the end of six semesters of high school work. Final admission may not be granted until graduation from high school.

West Virginia residents provisionally admitted may be granted advance dormitory reservation upon proper application.

Admission by G. E. D. Test—Non-high school graduates (veterans and persons over age of 21) will be admitted if they attain a standard score of 40 on each of the five parts of the General Education Development Test or an average standard score of 50 or above on the entire Test. Such students must have no severe character or health defect. G. E. D. scores must be sent direct to the Registrar and Director of Admissions from USAFI or from the testing center.

Admission of Transfer Students—Any applicant for admission to Fairmont State College who has attended another institution of collegiate rank will be classified as a transfer student, whether he has earned credit or not. The college does not under any condition disregard college or university credits earned elsewhere. Credit earned at other accredited colleges and universities will be allowed toward a degree if applicable.

To be admitted as a transfer student, one must meet the entrance requirements of Fairmont State College, must present evidence that he is in good standing in every respect at the institution last attended, and must have maintained a "C" (2.0) or better average on all college work previously attempted. Students who have been dismissed for academic or social reasons will not be eligible for admission. Students whose scholastic average is below "C" (2.0) in previous college work may be admitted on probation if such an admission seems warranted. In no case shall a student be admitted whose record is such that he would have been dropped at Fairmont State College.

Transfer credits are posted on the permanent record as received. All grades received by a transfer student in the college or colleges which he has previously attended must be included in the calculation of his quality point average even though some of the grades do not represent courses for which credit can be granted. Grades earned in other institutions shall not be used to make up a deficit of quality points in this institution except as provided by Board order.

To be official, a transcript must come direct from the institution issuing it and must bear the official seal of the institution, and the manual signature of the proper authority. The transcript should show the descriptive title of the courses, the year in which the work was done, the number of credits, and the grades. Transcripts, when accepted, become the permanent property of the college and will not be returned to the student. Such transcripts should be sent at least thirty days prior to the opening of the semester or term.

No credit of collegiate grade will be allowed for work done in the former normal training schools, except as authorized by the West Virginia State Board of Education. By the action of the board five-eighths college credit may be allowed for such work up to a maximum of 20 hours, provided credit was earned after graduation from high school.

General Requirements for All Applicants for Admission—All credentials submitted in support of an application for admission become the property of the College and will not be returned to the student. Such credentials include an official transcript of high school or college grades, an application for admission and a health record. The prospective student is responsible for the submission of all necessary forms and records in support of an application for admission.

Admission is for one semester or term and may be used only for that time. If the student fails to register during the semester or term for which he has been admitted, he must file another application if he desires admission at a later date.

Admission does not guarantee housing. Separate applications for dormitory space must be submitted to the Registrar and Director of Admissions.

Any student admitted upon the basis of false and/or incomplete credentials will be subject to immediate dismissal from the college.

The American College Test—Fairmont State College requires the American College Test (ACT) of all applicants for admission. Scores on this test are used in placing students in English and Mathematics, for applicants for scholarships and loans, and in the academic counseling program. High school students are urged to take the test during their senior year. Scholarship and loan applicants must take the test either in November or February. Information concerning the test may be secured from the high school principal or counselor.

PRE-REGISTRATION

All freshmen and transfer students are urged to pre-register during the summer preceding enrollment. Freshmen students who have taken the ACT Tests during their senior year in high school are given priority. Students who have not taken the ACT Test will be permitted to undergo testing during the summer. No student will be pre-enrolled unless or until he completes the ACT Test. All new students are expected to pre-register unless they live at such a distance from Fairmont as to make a special trip an undue hardship. It is understood, however, that students who participate in the pre-registration program will be given priority in making schedules.

Transfer students who have been fully admitted may be pre-registered by coming to the campus at a time arranged with the Registrar. All transfer students should avail themselves of this opportunity since it simplifies the transfer process.

A pre-registration period for regularly enrolled students is scheduled each semester. The purpose of pre-registration is to insure students adequate schedules. All students must pre-register if they plan to re-enroll for the following semester or term.

REGISTRATION

At least one month prior to registration day an official transcript of credit must be filed in the Office of the Registrar and Director of Admissions for each incoming freshman and each transfer student.

All students are expected to complete registration on the days set aside for this purpose at the beginning of each semester or term. No registration will be allowed after the following dates: First summer term, June 12; second summer term, July 21; first semester; September 22; second semester February 9. Students who do not register on regular registration dates set for the term or semester (see calendar) will be charged a late registration fee.

Printed schedules of classes may be obtained from the Registrar's Office in advance of registration days. Registration cards for those students who have pre-registered will be held by the several advisers until the date set for registration; new students will receive registration cards at the times indicated in the college calendar.

Transfer students enrolling for the first time should see the Registrar before enrolling.

SEMESTER HOURS—DEFINITION

The semester hour is the basis of college credit within the institution. A lecture-recitation course meeting one period a week for a semester carries one semester hour of credit; if meeting two periods; two semester hours of credit. Laboratory courses, however, require a minimum of two periods a week for each semester hour of credit.

GRADING SYSTEM

The following system of grading is used within the institution:

A—Superior, given only to students for exceptional performance.
B—Good, given for performance distinctly above the average in quality.
C—Average, given for performance of average quality.
D—Lowest passing grade, given for performance of poor quality.
F—Failure. Course must be repeated if credit is to be received.
FIW—Failure because of irregular withdrawal.
I—Incomplete, given to a student who misses a part of the course for a reason the instructor recognizes as a valid excuse for delay in completing the assignments. Unless the work missed is completed within a year from the date the mark is recorded, the I automatically changes to an F.
WF—Withdrew Failing, from one class or from college.
WP—Withdrew Passing, from one class or from college.

QUALITY POINTS

The quality of a student's work is indicated by quality points.

Candidates for graduation must have at least twice as many quality points as semester hours attempted, that is, a point-average of 2.0 on all college work and on all work completed at Fairmont State College. Quality points for grades A, B, C, D, are computed as follows:

A—Four (4) quality points for each semester hour of credit.
B—Three (3) quality points for each semester hour of credit.
C—Two (2) quality points for each semester hour of credit.
D—One (1) quality point for each semester hour of credit.

A student's grade average is determined by dividing the number of his quality points by the number of credit hours he has scheduled. No quality points are attached to grades F, FIW, and WF, but the credit hours for the courses in which these grades are received will be used in computing his grade average.

In order to be graduated, a candidate for a degree must have maintained a quality point average of 2.00 or better in all college courses and in all credit earned in FSC. An average of 2.00 must also be maintained in the major and minor fields of study and for the remaining semester hours taken collectively if the student is a candidate for the A. B. or B. S. degree. If the student is in teacher education, he must maintain an average of 2.00 in each teaching field and/or minor assignment and in education courses. Grades earned in other institutions shall not be used to make up a deficiency of quality points in this institution except as provided by Board order.

It is the student's responsibility to keep informed of his quality point standing. This information can be obtained at any time from the Registrar.

CLASSIFICATION OF STUDENTS

Students who have completed not less than 90 hours of college work are classified as seniors.

Students who have completed not less than 58 hours and not more than 90 hours of college work are classified as juniors.

Students who have completed not less than 26 hours and not more than 58 hours of college works are classified as sophomores.

Students who have completed the high school or secondary course and not more than 26 hours of work are classified as freshmen.

NUMBERING OF COURSES

Courses 100-199 are for freshmen; courses 200-299, for sophomores; courses 300-399, for juniors; courses 400-499, for seniors. With the approval of his adviser a student may enroll for a course on either the next higher or the next lower level.

CREDIT FROM A JUNIOR COLLEGE

The maximum credit accepted from a Junior College accredited by the North Central Association of College and Secondary Schools or other regional accrediting associations will not exceed 72 semester hours. No more than 64 semester hours may be accepted from junior colleges which are not regionally accredited. No credit will be allowed for courses completed in a junior college subsequent to attainment of junior or higher rank by the student.

NON-RESIDENT OR OFF-CAMPUS CREDIT

One hundred (100) semester hours of the 128 required for graduation shall be completed in regularly scheduled campus courses. The 28 hours of permissible non-residence courses may be earned by extension, home study (correspondence), radio, television, special examination and/or army service. Credit earned in home study will be accepted only when earned in a regionally approved college.

ASSIGNMENTS AND CREDITS

1. Semester Load: A student who enters at the beginning of a semester may be assigned a sixteen or seventeen hour schedule, but not more, except by permission from the Registrar. An adviser may not give permission for more than seventeen hours.

2. Late Registration Fees. See p. 20 under special fees for schedule of fees for late registration. It should be understood, however, that late registrants often fail to obtain satisfactory schedules, for the policy and practice of the College is to give priority to students who register on the dates set for regular registration.

3. Schedule Changes: Students must petition the Committee on Admissions and Credits to make schedule changes after the third week of a semester or the second week of a summer term.

Students may not add new classes to their schedule after the period of registration has ended. An exception is made for classes which begin at mid-term. Registration for these classes, however, must be completed before the classes start.

4. Withdrawal from College: A student desiring to withdraw from the College will apply at the Registrar's Office. Here forms will be obtained, which when completed with the proper signatures and returned to the Registrar's Office, will constitute an official withdrawal. The instructor records on the Final Grade Report to the Registrar, a W for students withdrawing during the first six weeks of a semester or two weeks of a summer term. In case the official drop notice is issued after one-third of the semester or term, the instructor will record either WP or WF at the end of the period of enrollment.

No withdrawals may be made from individual classes after mid-semester. If a student drops a part of his academic load after nine weeks of the semester or three weeks of the summer term have elapsed, an F or FIW will be recorded for each course dropped. Where a student withdraws regularly from college after nine weeks of the semester or three weeks of the summer term have elapsed, the instructor will record a WP or WF, as the case may be. Such grades will be used as a part of the student's record for the semester in determining his eligibility for enrollment later.

A student who withdraws from the college without formal notice to the Registrar will receive at the end of the semester a grade of "FIW" in each subject for which he is registered.

5. Repeating a course: With the approval of his adviser, a student may repeat a course in which he has received an F or a D. When this is done, both grades will be recorded and used in computing the student's point average.

6. Minimum Residence Requirements for Graduation: For a degree, at least one year's work in residence is required, one semester of which must be in the senior year. A "year of residence" must represent not less than 32 week's work in residence and 32 hours credit. A semester is defined as a minimum of 18 weeks and 16 hours credit.

Exception is made in the case of any student who has completed three years of required work in Fairmont State College and who wishes to complete the senior year by substituting approved credit earned subsequently in a college of medicine, or dentistry.

7. Application for Graduation: Candidates for graduation must make official application for a degree at least 45 days before Commencement Day. Applications will be filed with the Registrar.

8. Assignment and Credits: Regularly enrolled students who desire to complete work at another accredited institution on a transient basis must secure written permission of the Registrar and Director of Admissions to do so. Transient credit completed without permission will not be accepted.

HONOR ROLL

Those students who are registered for twelve or more hours and who at the end of the semester receive grades averaging B or above are considered honor students and a list of such students constitutes what is known as the Honor Roll.

DEAN'S LIST

Freshmen at Fairmont State College who earn an average of 3.5 or better on a minimum load of 16 semester hours for the first semester of their college enrollment are distinguished by being named on the Dean's List.

GRADUATION WITH HONORS

Candidates for graduation who have achieved special distinction in academic work are graduated with honors. Honors are determined by the cumulative quality point average of student's work at graduation. Three grades of honors are recognized: **cum laude** for a point average of 3.0 to 3.49; **magna cum laude** for a point average of 3.50 to 3.74; and **summa cum laude** for a point average of 3.75 or better. Averages are based upon the entire academic record of the student, including the final grades of the second semester of the senior year.

TRANSCRIPTS

Every student at Fairmont State College is entitled to one official transcript of his record free; for each additional copy a fee of one dollar ($1.00) will be charged. **No student who fails to meet his financial obligations to the College; or any department of the college, will be given a transcript.**

An application for a transcript of credit should furnish the date of last attendance at Fairmont State College, and a married woman should give both her maiden and married names. All requests for transcripts should be sent directly to the Registrar.

AUDITORS

Students who are registered in Fairmont State College may be permitted to attend classes as auditors provided they shall have obtained the written permission of their advisers and of the instructors in the classes they desire to visit. No person who enrolls in any class as an auditor may in the same semester, term, or later be considered as enrolled in this class for the purpose of obtaining credit. In no case whatsoever will auditing be regarded as a factor in obtaining credit.

Students eligible to attend classes as auditors may obtain proper permission blanks from the Registrar. Other persons, even if not registered students, may attend classes as auditors upon securing permission from the Registrar and from the instructors involved, upon payment of the regular fee. Auditors are required to complete the regular registration forms.

ATTENDANCE AND ABSENCES

Attendance. A student is expected to attend regularly class and laboratory sessions on courses for which he is registered. Regular attendance is a prerequisite for the successful completion of a course of study and is an integral part of a student's educational experience. Failure to attend class regularly may result in a lowering of the class grade, or may lead to failure in the course.

Absences. In the administration of its attendance policy, the College distinguishes three kinds of absences: (1) An institutional absence results from participation in an activity in which the student officially represents the College. (2) an unavoidable absence results from illness, death in the immediate family, or unnatural cause beyond the control of the student. (3) All other absences are willful.

It is the responsibility of the student to provide his instructor with a satisfactory explanation of institutional or unavoidable absence. Failure to do so automatically makes the absence "willful."

There is no category of "excused" absences, authorized "cuts" or "double cuts."

Responsibility for Class Work. Irrespective of the nature of the absence, a student is responsible for maintaining his personal academic standing.

In the case of institutional and unavoidable absences, an instructor will provide the student an opportunity to make-up work. The student, however, bears the responsibility for making arrangements with each instructor for completing assignments and tests.

In the case of willful absence, an instructor is not responsible for the make-up work.

REPORTS TO STUDENTS

The grades of all students are reported by each faculty member to the several student advisers at the middle and end of each semester. Midsemester reports, unless there are special reasons, are made only for students whose work is unsatisfactory.

SPECIAL EXAMINATIONS FOR COURSE CREDIT

Students may take special examinations to qualify for credit in certain courses. For further information as to the courses covered in this manner, students should contact the Student Personnel Office. All tests are administered by the College Testing Service.

Applications must be made to the Registrar for permission to take a special examination. To qualify for permission to take such an examination, an applicant must be enrolled or must have completed successfully one semester or summer session in Fairmont State College. The applicant must, in addition, establish eligibility in regard to his background in the area concerned. In order to gain college credit by special examination, the student must demonstrate better than average proficiency in the course. Examinations will not be given for courses in which the student has obtained a low grade previously.

Applicants must pay a fee of $3.00 for each special examination, if regularly enrolled at the time of taking the examination; otherwise the fee is $2.50 per semester hour of credit to be received. A receipt for the payment of the fee must be obtained from the cashier's office. No money will be refunded if any examination is failed. No examination may be repeated.

First semester freshmen may establish course credit by examination in the following courses without the payment of special examination fees: English 102—First Year Written and Spoken English—3 hours; French 101 and 102—Elementary French—6 hours; and Mathematics 221—College Algebra—3 hours; Home Economics 101—Principles of Clothing Construction—2 hours; Home Economics 201—Principles of Food Selection and Preparation—3 hours. An additional condition precedent to the granting of credit is enrollment by the student in the next higher course.

Based on the high school record and performance on the ACT, the Registrar will prepare a list of students who will be eligible to take the final test for credit. The procedure for establishing eligibility to take the examination for credit is as follows:

English—A "B" average in four units of high school English and a percentile score of 75 or above on the English part of the ACT, using college-bound norms.

French—A "B" average in two units of high school French and a percentile score of 75 or above on the English part of the ACT, using college-bound norms.

Mathematics—No grade less than "B" in three units of high school Mathematics (excluding arithmetic) and a percentile score of 75 or above on the Mathematics part of the ACT, using college-bound norms.

The Director of Student Personnel will notify eligible students of the time and place of the advanced placement examinations, to be given during orientation week. Tests will be administered by the Director of Student Personnel.

ENGLISH PROFICIENCY EXAMINATION

All students who enter the college after June 1, 1962, will be required to pass an English Proficiency examination. The examination will be administered to students in their sophomore year or the first semester of their junior year who have received credit for all required English composition courses. It will be in the form of a short essay in which the student should demonstrate that he will be able to meet the normal demands on a college graduate in the matter of written language. No student shall be graduated without having passed the examination, but those who fail may repeat it as many times as necessary.

PROBATION AND SUSPENSION

1. If and when a student becomes 10 or more points deficient, he will be placed on probation.

2. If and when a student becomes (or remains) 20 or more points deficient while on probation, he will be suspended.

3. If a student remains on probation for three consecutive semesters, he will be suspended.

4. To be removed from probation, a student must establish an average of 2.00 in all work attempted.

5. Twelve or more calendar months after his suspension a student may petition for readmission.

6. A student, 20 or more quality points deficient, if conditionally readmitted, must reduce his quality point deficiency by at least 8 quality points per semester or be suspended.

7. Two suspensions from any institution(s) of higher education are final.

8. The status of any student transferring from another institution of higher education will be determined in accordance with the above rules.

COLLEGE FEES

ENROLLMENT FEES:

West Virginia Students:

Tuition (8 hours and above)	$ 25.00
SPECIAL REGISTRATION FEE (12 hours and above)	50.00
Student Activity Fee	14.50
Course Fee	3.00
Student Union Fee	7.50

*Non-Resident Students:

Tuition (8 hours and above)	$175.00
SPECIAL REGISTRATION FEE (12 hours and above)	50.00
Student Activity Fee	14.50
Course Fee	3.00
Student Union Fee	7.50

Part-Time Fees, West Virginia Students:

Regular Semester (Less than 8 hours):

1 Semester Hour	$ 5.00 plus $1.00 Course Fee
2 Semester Hours	8.00 plus 1.00 Course Fee
3 Semester Hours	10.00 plus 1.00 Course Fee
4 Semester Hours	13.00 plus 1.00 Course Fee
5 Semester Hours	16.00 plus 1.25 Course Fee
6 Semester Hours	19.00 plus 1.50 Course Fee
7 Semester Hours	22.00 plus 1.75 Course Fee

SPECIAL REGISTRATION FEE (1 to 11 hours inclusive), $4.00 per credit hour.

All part-time students must pay a Student Union Fee.
1 to 4 hours inclusive $3.00. 5 to 7 hours inclusive $4.00.

STUDENTS CARRYING 8 HOURS AND ABOVE ARE REQUIRED TO PAY THE STUDENT ACTIVITY FEE OF $14.50.

Part-Time Fees, Non Resident Students:

Regular Semester (Less than 8 hours):

1 Semester Hour	$15.00 plus $1.00 Course Fee
2 Semester Hours	30.00 plus 1.00 Course Fee
3 Semester Hours	45.00 plus 1.00 Course Fee
4 Semester Hours	60.00 plus 1.00 Course Fee
5 Semester Hours	75.00 plus 1.25 Course Fee
6 Semester Hours	90.00 plus 1.50 Course Fee
7 Semester Hours	105.00 plus 1.75 Course Fee

SPECIAL REGISTRATION FEE (1 to 11 hours inclusive), $4.00 per credit hour.

All part-time students must pay a Student Union Fee.
1 to 4 hours inclusive $3.00. 5 to 7 hours inclusive $4.00.

STUDENTS CARRYING 8 HOURS AND ABOVE ARE REQUIRED TO PAY THE STUDENT ACTIVITY FEE OF $14.50.

All Day Students ID card fee $1.00.

SUMMER SCHOOL FEES:

West Virginia Students:

Tuition (4 hours and above) one term	$ 15.00
Tuition (4 hours and above) two terms	30.00
SPECIAL REGISTRATION FEE	$4.00 per credit hour
Student Activity Fee (Payable one term only)	2.00

Course Fee $1.50 (payable each term)	3.00
Student Union Fee (payable one term only)	7.50

Non-Resident Students:

Tuition (4 hours and above) one term	$ 58.00
Tuition (4 hours and above) two terms	116.00
SPECIAL REGISTRATION FEE	$4.00 per credit hour
Student Activity Fee (payable one term only)	2.00
Course Fee $1.50 (payable each term)	3.00
Student Union Fee (payable one term only)	7.50

Part-Time Student Fees, West Virginia Students:

1 Semester Hour	$ 5.00 plus $1.00 Course Fee
2 Semester Hours	10.00 plus 1.00 Course Fee
3 Semester Hours	15.00 plus 1.00 Course Fee
SPECIAL REGISTRATION FEE	$4.00 per credit hour
Student Union Fee (1 to 3 hours inclusive)	4.00

Part-Time Student Fees, Non-Resident Students:

1 Semester Hour	$15.00 plus $1.00 Course Fee
2 Semester Hours	30.00 plus 1.00 Course Fee
3 Semester Hours	45.00 plus 1.00 Course Fee
SPECIAL REGISTRATION FEE	$4.00 per credit hour
Student Union Fee (1 to 3 hours inclusive)	4.00

AUDITING FEE:

Auditing Fee is the same rate as the Semester Hour Fee.

NON-CREDIT COURSES:

The fee for non-credit courses, institute, conferences, etc., is equivalent to the auditing fee:

a) Minimum enrollment of fifteen:
  1) Equivalent of one semester hour credit, $10.
  2) Equivalent of two semester hours credit, $20.
  3) Equivalent of three semester hours credit, $30.

b) Enrollment of less than fifteen:
  1) Pro-rate increase in fee to equate minimum enrollment.

EXTENSION FEES:

West Virginia Students (Per Semester Hour)	$ 7.50
Non Resident Students (Per Semester Hours)	30.00

SPECIAL FEES:

**Chemistry Breakage Fee	$ 5.00
Late Registration Fee.	
1st day	10.00
2nd day	12.00
3rd day	13.00
4th day	14.00
5th day	15.00
Graduation Fee (Inc. cap and gown)	6.00
Freshman Orientation Fee	1.50
Transcript Fee (First Transcript is furnished free)	1.00
Special Examinations for course credit	3.00

(Regularly enrolled students)	
Special Examinations for course credit	
(Non-enrolled students) per semester hour	2.50
Special Fee for Driver Education Course:	
Regularly enrolled students	5.00
Non-Enrolled Students	15.00
Special fee for Industrial Arts, per card	5.00

(Industrial Arts classes requiring basic materials for course instruction shall purchase $5.00 material cards in the Business Office. Some classes may require more than one card to complete the course.)

*The term "resident" as hereinafter used refers to classification for fee purposes only.

**Assessed each student enrolled for any chemistry laboratory course. Unused portion, if any, will be refunded at end of school year. In event of unusual breakage, an amount to cover same may be assessed.

REGULATIONS GOVERNING CLASSIFICATION OF STUDENT FOR PURPOSE OF ASSESSING TUITION FEES!

All students not classified as resident students shall be classified as non-residents for fee purposes.

A student classified as a non-resident at the time of first registration in a state college, is considered a non-resident for fee purposes throughout his years as a student in a state college, unless his parents move to and establish a home, permanent abode and legal domicile in the state for twelve (12) consecutive months immediately prior to his registration in a state college. If the status of a student is thus properly changed from a non-resident to a West Virginia student, his classification may not be changed until the next registration period.

Students who are minors: The residence of a minor shall follow that of the parents at all times. The residence of the father during his life, and after the father's death, the residence of the mother is the residence of the minor, but if the father and mother have separate places of residence, the minor takes the residence of the parent with whom he lives or to whom he has been assigned by court order. The parents of a minor will be considered residents of West Virginia if they have had a home, permanent abode and legal domicile within the state for twelve (12) months immediately prior to registration.

A student who is 21 years of age or over may be classified as a resident if (1) his parents were residents of the state at the time he reached his majority or (2) who, while an adult, has established a bona fide home, permanent abode and legal domicile for at least twelve (12) consecutive months immediately preceding registration; it being understood, however, that no non-resident student may establish residence in this State for fee purposes, merely by his attendance as a full or part-time student at any institution of learning in the State. There must be evidence that he has come to the State primarily for other purposes than college attendance.

Marriage, alone, to a West Virginia resident will not change the status of a non-resident student in a West Virginia state college. Employment of his spouse does not change his status.

A West Virginia student whose parents or guardian move out of the state of West Virginia after his original enrollment, will automatically become liable for non-resident fee at the next registration period after twelve (12) months following removal of parents or guardian.

The residence of a minor student assigned to a guardian shall be considered affected by such assignment, beginning twelve (12) months after the appointment of the guardian; the provisions stated above with respect to parents' residence shall then apply to the guardian's residence.

An alien who has taken out his citizenship papers and has had a home, permanent abode and legal domicile in West Virginia for twelve (12) months immediately preceding the date of his enrollment in a state college shall be eligible for registration as a West Virginia student.

Neither registration as a voter in the State of West Virginia nor the purchase of a West Virginia automobile license will constitute residency for fee purposes.

Persons who are moved into the state as the result of military orders from the government, or the minor children of such persons, are entitled to admission as in-state students beginning twelve (12) months after establishing domicile or abode in the state.

A student who wilfully gives wrong information to evade payment of the non-resident fees shall be subject to serious disciplinary action, and must also pay the non-resident fee for each session attended.

The above regulations shall not be retroactive nor penalize a student or students previously classified.

PAYMENT OF TUITION AND FEES:

The regulations of the West Virginia Board of Education provide that "No financial credit of any type shall be extended to any individual either student or other, at any state college or institution. All colleges and institutions shall operate strictly on a cash basis with all payments and obligations being collected in advance. All tuition and fees must be collected in full for each semester on enrollment day for each semester."

REFUND POLICY FOR TUITION AND FEES:

A student who withdraws regularly from the college may arrange for a refund of his fees in accordance with the following schedule. Refunds are determined from the first day of the school term which begins officially with Freshman Orientation Week.

18 Weeks (Semester)	
During first and second weeks	90%
During third and fourth weeks	70%
During fifth and sixth weeks	50%
Beginning with seventh week	No Refund
6 Weeks (Summer Term)	
During first week	90%
During second week	70%
During third week	50%
Beginning with fourth week	No Refund

RESIDENCE HALL EXPENSES—MEN AND WOMEN

Room Rent (18 Week Semester) $90.00 per semester per person.

Room Rent (Six Week Term) $30.00 per student—occupancy two students per room.

Room Rent (Six Week Term) $35.00 per student—occupancy one student per room.
Board (18 Week Semester) $180.00.
Board (6 Week Term) $60.00.
A three percent Consumers Sales Tax is payable on all Room and Board charges of more than one dollar; two percent, on amounts of one dollar.

CAMPUS APARTMENTS:

Small Apartments (per month) $30.00.
Large Apartments (per month) $35.00.
A $25.00 deposit fee is required of all students living in the campus apartments.

Apartment rent must be paid in advance and must be paid no later than the third day of each month.

PAYMENT ON ROOM AND BOARD:

Room Rent (18 weeks semester) must be paid in full on Registration Day.
Board (18 week semester) must be paid in advance either on a semester or a quarterly basis.
Room Rent (6 week term) must be paid in full on Registration Day.
Board (6 week term) must be paid in full on Registration Day.
Board and Room Rates are subject to change.
(All fees are subject to change by action of the West Virginia Board of Education.)

ROOM RESERVATIONS:

A deposit of $20.00 must accompany the room application. The $20.00 reservation deposit is refundable if notice of cancellation is received on or before July 15, 1963. If applicant enrolls, it is held as a breakage fee to be refunded at the conclusion of the year if the room is not damaged. To insure full occupancy of the dormitories, all students are required to pay one month's rent, $20.00, (this is in addition to the reservation deposit) by July 15, 1963. This sum will be credited toward the room rent of $92.70 upon enrollment. Failure to pay the one month's room rent of $20.00 by July 15, 1963, will result in automatic cancellation of the room reservation. The reservation deposit of $20.00 will be refunded in such instances. If both the room reservation deposit and one month's room rent have been received, and notice of cancellation is received after July 15, 1963, both will be forfeited.

STANDARDS FOR DORMITORY LIFE:

1. All students not living at home are required to live in the residence halls, unless other arrangements are made with the Dean of Men or the Dean of Women.

2. A deposit of $20.00 is required of all students living in the dormitory. The deposit on rooms, less assessments, is refundable at the close of the school term.

THERE IS NO REFUND OF ROOM DEPOSITS OR RENT TO STUDENTS CHANGING RESIDENCE DURING A TERM OR SEMESTER, OR TO STUDENTS WITHDRAWING DURING A TERM OR SEMESTER. The $20.00 deposit fee is forfeited if the student does not cancel the room reservation before July 15 or 25 days before the opening of the 2nd semester.

3. All students living in the residence halls must take their meals in the college cafeteria.

4. No evening meal will be served in the college cafeteria on Sunday.

5. Residence halls will be closed during the Thanksgiving, Christmas, and Spring recess.

6. Room rental for a semester must be paid in full on Registration Day.

7. Board must be paid in advance either by the quarter or by the semester.

8. Residents of the halls must furnish and launder their own towels, linens, curtains, and bed spreads.

9. A student who is absent from a residence hall for seven or more consecutive days will not be charged for meals, provided that the Food Director is notified in advance. No deduction in room rent, however, will be allowed regardless of the cause of absence.

If there are no vacancies in the dormitories and a student must live off campus, the consent of Dean of Women or Dean of Men must be given before renting a room. A file of approved rooms for rent to students is maintained in the Dean's Office.

10. Women may not move from the dormitory during a school year except to leave school or move home.

STUDENT WELFARE

STUDENT PERSONNEL SERVICES

Fairmont State College maintains many services of great value to all students with the aim of assisting each student to adjust to his school environment and get the most from his college experience. A centrally organized student personnel program is provided through the Office of the Director of Student Personnel. The services include freshman orientation; testing, educational, vocational and personal counseling; placement service after graduation; student employment on and off campus; scholarship and loan information; student insurance; and other services pertinent to student welfare in general.

All students enrolled for eight or more hours of credit must have an identification (I.D.) card. This card is used as identification for and admission to school activities. The picture for the card will be taken at the time of pre-registration in the summer or in the fall for students who do not pre-register. The student pays $1 for the card, which is good for the entire period of attendance. It must be validated in the Office of Student Personnel each semester.

HOUSING FOR MEN

Pence Hall is a new, modern dormitory providing living quarters for 132 men. It is located on the hill above the main portion of the campus, commands a splendid view of much of the campus and surrounding area. The student rooms are furnished with built-in wardrobes, study desks, and shelves for books. Beds, mattresses, and chairs are new. A large and well-appointed lounge is located on the first floor. Parking and recreational facilities are located at the rear of the building.

The College also maintains a limited number of one and two bedroom apartments for married students. These units are partially furnished.

The fees charged for residence in the dormitory are listed on page 21.

HOUSING FOR WOMEN

Not for a great many years has Fairmont State College offered such attractive housing on the campus for women as is now available. Morrow Hall, built in 1922, has been thoroughly renovated and refurnished. Two new wings have been added.

The furniture used in the new wings is of the built-in type, providing wardrobes, study desks, and book shelves. In the older portion, all new beds, dressers, and study tables have been provided. In addition, new lighting and plumbing fixtures have been installed, floors have been freshly sanded, and new rugs have been purchased.

All in all, Morrow Hall is a most attractive, well-equipped building with pleasant social rooms, study and sleeping facilities, a laundry room, and the College Cafeteria on the ground floor providing an extra convenience. Furthermore, Morrow Hall is readily accessible to all the other principal buildings on the campus.

The fees charged for residence in the dormitory are listed on page 21.

TESTING AND COUNSELING

The Office of Student Personnel provides a testing and counseling service designed to assist students in making more intelligent personal, academic, and vocational choices. Trained personnel are maintained to administer and interpret tests. For the most part students seek this service voluntarily. Special remedial assistance is available to students who are deficient in reading vocabulary, and study habits.

PLACEMENT SERVICE

This service is available to all persons graduating from the college and to those who receive teaching certificates through its recommendation. All seniors are urged to register prior to graduation. Alumni who hold degrees or certificates are welcome to register. Assistance in placement in all fields of employment relative to occupational instruction furnished by Fairmont State College is offered.

FRESHMEN ORIENTATION

Freshmen and transfer students arrive on the campus in advance of the upperclass students. During a week's period they become acquainted with the campus, buildings, and equipment, and various student activities. They are given tests which are for the purpose of assisting them in getting properly placed in their college courses and major fields of study. After scheduling classes in consultation with faculty advisers, they become formally registered for their first year of college work. Throughout the orientation period freshmen are assisted and guided by trained student counselors who are sympathetic with their special problems.

ADVISER SYSTEM

Each student is assigned an academic adviser at the time of his first enrollment in Fairmont State College. The student's academic adviser is the chairman or a staff member of the department in which the student has chosen his major field of study.

If the student desires to change his major field of study, he should contact the Student Personnel Director for assignment to the appropriate adviser. Students who are not ready upon entrance to select a major department will be assigned to special advisers by the Student Personnel Director.

It is to his academic adviser that a student will take all problems relating to course requirements, class schedules, pre-registration, and registration.

GENERAL REGULATIONS

Fairmont State College expects its students to observe the standards of good citizenship, both on and off the campus. Regulations of the State Board of Education empower the president and faculty to take such steps as may be needed to enforce these standards.

Cheating and Thievery

The initial premise in formulating rules to determine the action to be taken in cases of cheating and thievery is that the character of the offense should control the punishment. Casual glancing at a neighbor's paper is quite different from pre-arranged collusion whereby one receives notes, signals, or exposed answers from another person. Breaking into an instructor's quarters for any purpose whatsoever is a crime punishable by law. The punishment therefore ought to be in direct relation to the character of the offense. The following rules are formulated with this premise as the basis.

1. A student who is observed to be glancing at his neighbor's paper should be warned by the instructor that his actions are evidence of cheating. Should the student repeat the performance, the instructor should order him to turn in his paper and leave the room. In all cases an "F" should be recorded for the quiz or examination. Should the student repeat this performance at a later period, he should be dismissed from class permanently and an "F" recorded for the semester.

All such cases should be reported to the Deans of Men and Women promptly. Habitual offenders—those who have been cited for cheating in more than one class—are to be brought before the Disciplinary Committee promptly. The Committee will decide what action should be taken with the understanding that only extenuating circumstances will temper the punishment.

When the evidence is clear that a student has brought notes to class, has developed a system of signals, or has been in collusion with another in any way, he will be dismissed summarily from class and a grade of "F" recorded. Instructors are reminded that they are responsible for obtaining clear and convincing evidence.

2. Thievery ordinarily is more serious than cheating. Often, however, the two are associated. The stealing of a notebook or textbook for one's own use may be rationalized in various ways. There are some who succumb to this temptation who would not think of taking money, clothes, or other articles. It often happens that a student picks up a book with the intention of returning it shortly. Procrastination produces an extended period of possession in which borrowing becomes stealing. Numerous cases of taking another's book and selling it are known. By no type of reasoning can this be identified as anything other than stealing. The first case calls for tempered action; the second normally should result in expelling the offender promptly.

   Any student who enters the quarters of an instructor and removes examination materials or in any way alters records has committed a flagrant act of cheating. If he should have forced entrance into the quarters, the offense becomes quite serious.

   Unless extraordinary reasons for clemency exist, the offender should be expelled from the College. Indeed, the circumstances may call for legal action. This is certainly true if the removal or destruction of property occurs.

LOAN FUNDS, SCHOLARSHIPS, AND OTHER STUDENT AID

The scholarship and loan funds of Fairmont State College are available to worthy undergraduates who need assistance in meeting their college expenses. All funds are administered by the Scholarship and Loan Committee, unless otherwise indicated. Applications for scholarships and loans should be made to this committee.

LOANS

The National Defense Student Loan Program

Students of Fairmont State College are eligible to participate in the National Defense Student Loan Program. The College has received an allocation for use as provided for in the National Defense Education Act of 1958. The Act specifies that "in selection of students to receive loans—special consideration shall be given to (a) students with a superior academic background who express a desire to teach in elementary or secondary schools, and (b) students whose academic background indicates a superior capacity or preparation in science, mathematics, engineering or a modern foreign language."

Students who need financial assistance in order to enter college should know:

1. A student with a good academic record who shows a need for financial assistance in order to attend college is eligible to apply for a loan.

However, if the requests for loans exceed the grant made to the college, then special consideration will be given to students with superior academic backgrounds who express a desire to teach in elementary or secondary schools and to students whose academic backgrounds indicate superior capacity of preparation in science, mathematics, engineering, or modern foreign language.

2. The amount of the loan will be based on the actual need for basic expenses—tuition, room and board, fees, books, etc.—up to a maximum of $750 per year, the maximum amount for a four year period to be $3000.

3. A National Defense Student Loan bears simple interest upon the unpaid balance at the rate of 3 percent per year. Interest does not commence until one year from the date when the borrower ceases to be a full-time student at an institution of higher education. Furthermore, no interest shall be charged during any period, not in excess of three years, that the borrower is serving as a member of the Armed Forces of the United States.

4. The loan, and interest thereon, of any borrower who serves as a full-time teacher in a public elementary or secondary school shall be cancelled up to a maximum of 50 percent, at the rate of 10 percent of the amount of the loan plus interest thereon, which was unpaid on the first day of such service, for each academic year of service.

5. Promissory notes for minors will be co-signed by parents or guardians.

6. Applications for prospective students should be made well in advance of registration.

For further information and application blanks write:

Chairman, Committe on
Scholarship, Loan, and Student Aid
Fairmont State College
Fairmont, West Virginia

The Claude Worthington Benedum Loan Fund

The Benedum Foundation of Pittsburgh has established a loan fund which permits sophomores, juniors, and seniors with averages of 2.2 or better who are bona fide residents of West Virginia to borrow a maximum of $300 in any one school year. The loan matures not later than three years after last date of attendance at the college. No interest is charged while a student is enrolled at F.S.C. Terms—see item 3 below.

General Loan Fund of Fairmont State College

1. Eligibility—sophomores, juniors, and seniors who have an average grade of 2.2 or better at the time of the loan.

2. Amount—maximum of $300 for one college year; maximum of $900 for three years.

3. Terms—**co-signing** by parents or guardian of the borrower; **repayment** of the loan, with the accrued interest thereon, over a three-year period, beginning one year after the date the borrower is graduated or ceases to be a full-time student. There is no interest during the time the student is enrolled full-time. Four percent interest is charged the first year after graduation, and six percent the last two years.

Dramatic Scholarship Loan Fund

This fund was established by a grant from the Woman's Club of Fairmont and is available to students especially interested in dramatics. The loan is to be used for tuition and is available each year to one man and one woman student. Application is made with the Chairman of the Speech and Dramatic Department.

SCHOLARSHIPS

The Claude Worthington Benedum Freshman Scholarship

The Benedum Foundation of Pittsburgh makes an annual grant to the college for the purpose of aiding worthy graduates of West Virginia High Schools to begin a college education. These scholarships, awarded on the basis of grades, activities, character, and financial need, amount to $100 a semester for the freshman year only.

The West Virginia Board of Education Teacher Scholarships

Five West Virginia Board of Education Elementary Teacher Training Scholarships and **five** West Virginia Board of Education Secondary Teacher Training Scholarships are offered to entering students who are residents of West Virginia majoring in elementary or secondary education. Awarded on the basis of grades, aptitude for teaching, personality, economic status, and interest, these scholarships amount to the remission of tuition and fees for four consecutive years following graduation from high school. The recipients must pledge to teach in West Virginia elementary or secondary schools for four years following graduation from college.

The West Virginia Board of Education General Scholarship

1. Eligibility—any regularly enrolled student to be considered on scholastic record, character, and financial need.

2. Amount—tuition and registration fee for one year, with opportunity to re-apply each year if satisfactory grades are maintained.

Marion County Council of Parents and Teachers Scholarship

This scholarship is awarded to a freshman preparing to teach. It is for the amount of tuition and fees for the freshman year. Only residents of Marion County are eligible for the scholarship.

Elizabeth Bussing Watson Speech Scholarship

This scholarship is established by the family of Elizabeth Bussing Watson who was a teacher of elocution in the Fairmont State Normal School. An award of $50.00 is to be granted annually to a student in the Department of Speech and Dramatics. Need, personal qualities, career-interest and scholastic achievement are the basis of selection—the selection is to be made by the chairman and staff of the Speech and Dramatics Department.

Junior League of Fairmont, Incorporated—Memorial Scholarship-Loan Fund

Realizing the importance of education for the advancement of our community, state and nation, the Junior League of Fairmont established a Scholarship-Loan Fund to provide financial assistance to needy students. The Fund, started in April, 1962, is to be a continuous project of the League. The money is to be used in the manner in which Fairmont State College feels it will best serve the needs of worthy students. The Scholarship and Loan Committees will select the recipients.

WORKING SCHOLARSHIPS

Among the several work scholarships available are:

(1) Assistant to Director of Public Relations, cash value $70 per semester.

(2) Director of Sports Publicity (preparation of sports news), cash value $70 per semester. Those interested must apply in person to the Director of Public Relations.

(3) Editor of **The Columns,** cash value $75 per year.

(4) Business Manager of **The Columns,** cash value $75 per year.

(5) Editor of **The Mound,** cash value $75 per year.

(6) Business Manager of **The Mound,** cash value $75 per year.

PART-TIME EMPLOYMENT

Opportunities are provided for many students who seek financial assistance through part-time employment. A registry of part-time jobs, available both on and off campus, is maintained in the Office of Student Personnel. On the college campus, students find employment in clerical work, library work, assisting instructors, kitchen and dining room work, maintenance, and other similar activities.

The office of Student Personnel assists students in finding part-time employment off campus. Many students work in stores, factories, garages, filling stations, and private homes.

REGULATIONS FOR STUDENT AID AND OTHER EMPLOYMENT

1. Students employed on the student aid basis may not be employed ordinarily for more than seventy-five hours in any one month. In exceptional circumstances, and when approved by the Committee on Student Aid, students may be employed to a maximum of ninety hours per month.

2. Students enrolled for more than six semester hours may not be employed by the College except on a student-aid basis.

3. Full-time employees of the College may not enroll for any academic work other than that obtainable outside of their regular work schedule.

4. The awarding of scholarships, student loans, and student employment, including assistance to athletes, is handled through the Office of Student Personnel All employed students, including athletes, are required to give full and honest work for pay received.

STUDENT AUTOMOBILE REGULATIONS

Because of the large number of cars used by students, traffic on the college campus is seriously congested. In the interest of safety and service rigid regulations have become necessary. The administration of these regulations is in the hands of a Traffic Committee. All parking is limited to defined areas and restricted parking is established in certain areas.

All cars operated by students must be registered and identified by campus registration stickers.

Each student using an automobile on the campus is expected to be familiar with the traffic regulations.

SERVICE TO VETERANS

The Fairmont State College Office of Veterans' Coordinator exists to assist veterans in their relationships with the United States Veterans Administration. The Coordinator is prepared to give information concerning the College and the educational and financial benefits offered by the Federal Government. He will also aid veterans in securing suitable housing arrangements either in the Veterans' Housing units maintained by the college, or elsewhere. Request for information should be addressed to the Veterans' Coordinator at the college.

PHYSICAL EXAMINATION

All students entering Fairmont State College, or who have been absent for two semesters, are required to have a physical examination by their personal physician. The physical examination forms will be sent to the student in time for the student to obtain the physical examination before reporting for Orientation Week. The physical examination form will be filed with the Health Service at Registration.

HEALTH SERVICE

All students entering Fairmont State College are required to have a health examinaton within two weeks after entrance. Appointments for this examination should be made with the Health Service at the time of registration. Failure to comply with the above regulations on the part of the student will result in suspension until regulations have been met.

A certificate from the Health Service stating that the student has complied with the above regulation must be presented by the student to his supervisor in sudent teaching before he may be assigned to this training.

A physician and registered nurse are available to examine and advise students in matters pertaining to their health. On school days from eight until four o'clock, the college nurse may be found in her office in the Colebank Gymnasium for first aid and for the treatment of minor ailments of students and faculty.

FOOD SERVICE

The College Cafeteria is located in Morrow Hall. Breakfast, lunch, and dinner are served here daily with the exception of an evening meal on Sunday. Menus are carefully planned to provide nutritive diets with an attractive service at a reasonable price.

STUDENT CENTER BUILDING

The Student Center is a modern, spacious building centrally located on the campus.

On the ground floor, a large area has been finished for recreational purposes. The campus snack bar is located on the second floor, providing fountain service, soft drinks, coffee, cirgarettes and confections. The College Bookstore and business offices for staff members are also on this floor. The top floor contains the ballrooom floor with facilities for such events as teas and receptions.

All facilities of the Student Center are available to student groups for meetings, parties, dances, and other social affairs. Always before facilities have been much too small and crowded for the day by day activities of a growing student body. For the present, the new Student Union Building will afford ample campus recreational facilities.

BOOKS AND SUPPLIES

A modern college bookstore is maintained in the Student Center for the convenience of students. Here textbooks and school supplies of all kinds may be purchased.

*REQUIREMENTS FOR BACHELOR OF ARTS AND SCIENCE DEGREES

The courses required in the several departments leading to the Bachelor of Arts or Bachelor of Science degrees may be conveniently described in four categories, viz., General Requirements, Majors, Minors, and Electives. General requirements include those courses required of all students with regard to the area of concentration. A major is defined as the area of greatest concentration, or, more specifically, as the department in which the most credit is earned. A minor is the area of second greatest concentration, or in other words, the department second to the major in the amount of credit earned. Electives are those courses not included in the other categories.

Degrees are offered by departments as follows:

Bachelor of Arts Degree

- Art
- English
- History
- French
- Home Economics
- Mathematics
- Music
- Philosophy and Psychology
- Sociology
- Speech and Dramatics

Bachelor of Science Degree

- Biology
- Business Administration
- Chemistry
- Home Economics
- Industrial Arts
- Mathematics
- Physical Education
- Recreation
- Secretarial Studies

All degrees granted by Fairmont State College have the same minimum requirements with regard to semester hours credit and quality point average. The minimum credit is 128 semester hours with an average of 2.0 quality points per semester hour for a course entered on the student's permanent record card. The credit varies among departments, but in all cases the quality point average for a major or minor must be 2.0 or better. It is also a requirement for any degree granted by this college that the mean of the quality point averages for all courses not included in the major or minor fields be 2.0 or better. Moreover, all candidates for a Bachelor of Arts or Bachelor of Science degree must have both a major and a minor.

Courses taken to satisfy the general requirements, or their equivalents, will be included in the major or minor. Thus, a major student in English would count the general requirements in composition and literature as part of his major work.

Twelve hours of one foreign language is a general requirement for the Bachelor of Arts degree for those who entered college for the first time in September, 1955 or later. Three hours of this requirement may be waived for each unit of the language presented as entrance credit, provided that the student is competent to continue the sudy of the language at the appropriate college level.

A student pursuing courses leading to the degrees of Bachelor of Arts and Bachelor of Science, who also meets state certification requirements in two or more teaching fields and in the professional courses, will be recommended for a professional (first class) teaching certificate in the areas in which he may be qualified. These persons are warned, however, that the requirements for the Bachelor of Arts and Bachelor of Science degrees differ considerably from those of the Bachelor of Arts in Education Degree. The Bachelor of Arts in Education degree automatically qualifies the student for a professional (first class) certificate. The other degrees do not.

*See Supplement 1963 Bulletin for possible changes in requirements.

It is the responsibility of the student to know and meet all requirements. The catalog is published for the primary purpose of providing students with a source book of information pertaining to the College resources and requirements. Additional information or clarification of the statements in the catalog may be obtained from the adviser of the Registrar.

GENERAL REQUIREMENTS FOR THE BACHELOR OF ARTS AND THE BACHELOR OF SCIENCE DEGREES

(See Supplement 1963 Bulletin for possible changes)

Subjects	**Cat. No.**	**Sem. Hrs.**
ART	255	2
ENGLISH		
Written and Spoken	102, 104, 208	9
Literature	251 or 252: 261 or 262	6
HEALTH*	102	2
HISTORY	111, 112	6
	207 or 208	3
LANGUAGE**		
French or Spanish	101, 102	6
	201, 202	6
MUSIC	205	2
PHYSICAL EDUCATION		
Women	101, 111	2
Men	115, 116	2
PSYCHOLOGY	103	3
SCIENCE		
Biology	101, 102 or	6
Physical Science***	201, 202	6
SOCIOLOGY	201, 202	6
SPEECH	101	2

*Not required of those students who earn 6 hours credit in biology.

**Required of all candidates for the Bachelor of Arts degree.

***Not required of physical science majors or those who have credit in college physics and chemistry. No credit is allowed in General Physical Science if credit is earned in physics and/or chemistry.

SPECIFIC REQUIREMENTS IN ALL MAJOR FIELDS

ART

MAJOR		36 Sem. Hrs.
History of Art		8
255 History and Appreciation of Art	2	
278 Ancient and Medieval Art	3	
377 Italian and Northern Renaissance Art	3	
378 Nineteenth Century and Contemporary Art	3	
Studio Work (one major area in Art)		12

Ceramics and Sculpture

283	Modeling and Sculpture	3
284	Modeling and Sculpture	3
383	Ceramics	3
384	Ceramics	3
483	Advanced Sculpture	2
484	Advanced Sculpture	2

Design

140	Art Structure and Applied Design	3
141	Art Structure and Applied Design	3
392	Textile Design	3
491	Interior Design	3

Drawing

142	Drawing	2
241	Drawing from Life	2
242	Drawing and Painting from Life	3

Painting

361	Painting in Oil	3
362	Painting in Oil	3
363	Painting in Watercolor	3
364	Painting in Watercolor	3
461	Advanced Painting in Oil	3
463	Painting in any Medium	3

Studio Work (Selected from two or more major areas: see courses listed above under Ceramics and Sculpture, Design, Drawing, and Painting). 16

MINOR IN ART 24 Sem. Hrs.

History of Art Courses (See Above)	5
Studio Work Courses (See Above)	19

BIOLOGY

(Botany, Zoology)

MAJOR

Required Courses in Biological Science 30 Sem. Hrs.

Biology 101, 102 Introduction to Biology	6

A minimum of 6 hours from each group is required

Group A: Botany 6

Biology 201	General Botany	4
330	Field Botany	3
340	The Plant Kingdom	3

	341 The Plant Kingdom	3	
	342 Plant Ecology	2	
	451 Plant Physiology		
Group B: Zoology			6
Biology	315 Field Zoology	3	
	320 Invertebrate Zoology	4	
	321 Vertebrate Zoology	4	
	350 Comp. Anatomy of Vertebrates	4	
Electives in Biological Science			12
Required related courses			
Chemistry 101, 102 General Chemistry			8 Sem. Hrs.
Physics 101, 102			8 Sem. Hrs.
Mathematics 110 or higher			6 Sem. Hrs.

MINOR	24 Sem. Hrs.
Required Courses in Biological Science Same as Major	18
Electives in Biological Science	6
Required related courses	
Chemistry 101, 102 General Chemistry	8
Physics 101, 102	8
Mathematics 110 or higher	6

BOTANY

(See Biology)

BUSINESS ADMINISTRATION

MAJOR				39 Sem. Hrs.
Required courses (All Curricula)				27
Bus.	102	Principles of Business	3	
Bus.	141	Business Mathematics	3	
	201, 202	Principles of Accounting	6	
	306, 307	Business Law	6	
Econ.	101	American Business & Industry	3	
	201, 202	Econ. Prin. and Problems	6	
Required courses from Business, Economics and Secretarial Studies				12

(These courses must be selected from special curricula, in the above fields)

Language. No requirement, but French or Spanish is recommended.

MINOR	18 Sem. Hrs.
Required Courses	
Bus. 102, 201, 202	9
Econ. 101, 201, 202	9

CHEMISTRY

MAJOR		
Required Courses		
Chemistry		36 Sem. Hrs.
101, 102 General Chemistry	8	
201 Qualitative Analysis	4	
240, 241 Quantitative Analysis	8	
301, 303 Organic Chemistry	8	
405, 406 Physical Chemistry	8	
Physics		8
101, 102 General Physics	8	
Mathematics		15
221 College Algebra	3	
251 Analytical Geometry	4	
321 Differential Calculus	4	
331 Integral Calculus	4	
Language: French		12
MINOR		24 Sem. Hrs.
Chem. 101, 102	8	
Chem. 201	4	
Chem. 240 or 241	4	
Chem. 301, 302 or Chem. 405, 406	8	

ENGLISH

MAJOR		36 Sem. Hrs.
Required Courses, Studies and Practice in the English Language	12	
102, 104, 208, 321		
Required Courses, Literature	12	
251, 252, 261, 262		
Electives, Literature, Group I	4-8	
311, 312, 313, 314, 318, 341, 342		
Electives, Literature and Language, Group II	4-8	
302, 315, 317, 322, 324, 325, 328, 329, 330, 331, 413		
Foreign Language		12 Sem. Hrs.
One selected from French or Spanish		
MINOR		30 Sem. Hrs.
Required Courses, Studies and Practice in the English Language	9	
102, 104, 208		
Required Courses, Literature	9	
202, 204, 341 or 342		
Electives, Literature and Language	12	
Choice may be made from Groups I and II as listed in the major.		

FRENCH

MAJOR 30 Sem. Hrs.

Required Courses 15

101, 102	Elementary French or equivalent	6	
201, 202	Second Year French	6	
308	French Conservation	3	

Electives 15

301	Literature of the 17th Century	3
302	Literature of the 18th Century	3
309	Adv. Grammar and Comp.	3
421	Literature of the 19th Century	3
422	Literature of the 19th Century	3
431	French Civilization and Culture	3
321	Contemporary Literature	3

MINOR 24 Sem. Hrs.

Required Courses 15

101, 102, 201, 202, 308

Electives 9

To be selected from electives for majors.

HISTORY

MAJOR 30 Sem. Hrs.

Required Courses

111, 112	Development of Social Institutions	6
207, 208	Survey of United States History	6
462	Methods of Research	3
		15

The remaining 15 semester hours in history required for the history major are to be elected by the student from among the following courses, with a minimum of three semester hours from each group.

GROUP I 3-6

205	Contemporary Affairs	2
302	History of West Virginia	3
304	United States and Latin America	2-3
312	American Diplomatic History to the Present	3
315	Colonial America	2
316	Jefferson and Jacksonian Democracy	2
317	The American Civil War	3
318	The Westward Movement	3
320	American Economic History	3
401	Reconstruction and National Development	3
410	U.S. Since the First World War	3
460-A	Guided Historical Study	1-2

GROUP II 3-6

221	Modern Europe to 1815	3
222	Modern Europe since 1815	3
307	England to the Glorious Revolution	3
308	England Since the Glorious Revolution	3
340	Europe from 1870 to 1919	3

341	Europe from 1919 to the Present	3	
350	History of Western Thought	3	
402	Contemporary Europe	3	
460-B	Guided Historical Study	1-2	
GROUP III			3-6
305	History of Latin America	3	
421	History of Russia	3	
422	History of the Far East	3	
423	History of Southeast Asia	2	

Elect from this group (Exclusive of general requirements): Economics, Political Science, Sociology, or Geography 12 Sem. Hrs.

MINOR 18 Sem. Hrs.

Required Courses

111, 112	Development of Social Institutions	6
207, 208	Survey of United States History	6
Electives		
	(From any other History courses listed)	6
		18

HOME ECONOMICS

MAJOR

AB Degree—36 Sem. Hrs.
BS Degree—33 Sem. Hrs.

Required		AB	BS
*101	Principles of Clothing Construction	2	2
102	Advanced Clothing Construction	3	3
*103	Principles of Clothing Selection	2	2
*201	Principles of Food Selection and Preparation	3	3
202	Advanced Foods	3	3
*210	Textiles	3	3
*303	Nutrition	3	3
310	Family Life Education	2	2
312	Consumer Education	3	
*315	Home Management	3	3
*320	Home Planning and Furnishing	4	4
*330	Child Care and Development	2	2
340	Quantity Cookery		3
Language—Modern Foreign		12	6
Other Fields			
	Botany, or Zoology, or General Chemistry		12

MINOR 24 Sem. Hrs.

Required

Home Economics: Starred (*) courses under Major

INDUSTRIAL ARTS

MAJOR 41 Sem. Hrs.

Required Courses 20

103	General Woodworking	3
110	General Shop	3
130	General Electricity	3
140	General Drawing	3
200	General Machine Shop	3

325 Administration and Organization of Ind. Arts	2	
335 Philosophy of Industrial Arts	3	
Electives		21
To be taken from those courses listed under the description of electives for a First Teaching Field in Industrial Arts on page 51.		
MINOR		24 Sem. Hrs.
Required Courses		17
103, 110 (or 322), 130, 140, 200, 325.		
Electives		7
To be taken from two subject areas in Industrial Arts.		

Students pursuing a major or minor in Industrial Arts will be required to take the following courses as pre-requisite to the advanced courses in Industrial Arts: Math. 110; Physics 101, 102; Chem. 101, 102.

JOURNALISM

MAJOR—(not offered)
MINOR—(not offered)

240 Reporting	3
270 Communications in Society	2
271 The Newspaper and Society	3
312 Publication Problems	3
340 Journalism Practice	2
341 Adv. Journalism Practice	2

MATHEMATICS

MAJOR*		33 Sem. Hrs.
Required Courses		24
221 College Algebra	3	
231 Plane Trigonometry	3	
251 Analytical Geometry	4	
321 Differential Calculus	4	
331 Integral Calculus	4	
391 Introduction to Analysis	3	
401 Differential Equations	3	
Electives: 281, 341, 361, 372, 393, 411		9
Language: French		12
MINOR IN MATHEMATICS		24 Sem. Hrs.
Required Courses: 221, 231, 251, 321, 331, 391, 401		

*Two units of high school algebra, one unit of plane geometry, and one-half unit solid geometry are required of students taking a major in mathematics. Students who present but one unit of algebra and one unit of plane geometry must complete Math 111 and 121 in addition to the above requirements.

MUSIC

MAJOR		
Required Courses		48 Sem. Hrs.
Theory		12
109-110 Theory	8	
209 Theory	4	

Applied Music		10
107-408 Piano	4	
141-442 Voice	2	
*275-492 Orchestral Instruments	4	
Appreciation		8
205 Music in Human Relations	2	
313 History	3	
314 History	3	
Conducting		4
345 Choral Conducting	2	
346 Instrumental Conducting	2	
Participation		8
169-470 Band	1-4	
173-474 College Chorus	1-4	
275-476 Advanced Instrumental Ensemble	1-4	
277-478 Advanced Vocal Ensemble	1-4	
MINOR		26 Sem. Hrs.
Theory: 109, 110	8	
Appreciation: 205	2	
Applied Music	8	
107-408 (Min. 3)		
141-442 (Min. 1)		
274-492 (Min. 3)		
Conducting: 345, 346	4	
Participation (See Courses Above)	4	

*Advanced work on organ or a special orchestral instrument may be done to satisfy the 4 hours required in this group.

PHILOSOPHY AND PSYCHOLOGY

MAJOR		25 Sem. Hrs.
Required Courses (Option in Philosophy)		
200 Introduction to Philosophy	3	
300 Logic	3	
325 Ethics	3	
350 Comparative Religion	2	
375 History of Christian Thought	2	
400 Philosophy of Religion	3	
425 History of Ancient and Medieval Philosophy	3	
475 History of Modern Philosophy	3	
Elective: One upper-level psychology course	3	
MINOR		12 Sem. Hrs.
Required Courses (Option in Phychology)		
103 General Psychology	3	
250 Experimental Psychology	3	
300 Psychology of Personal Adjustment	3	
350 Statistics	3	
375 Physiological Psychology	3	
400 Psychometrics	3	
425 Clinical Psychology	3	
460 Seminar	3	
Phil. 300 Logic	3	
MINOR		12 Sem. Hrs.
Required Courses (Option in Psychology)		
103, 250, 350 plus one elective course in Psychology		

PHYSICAL EDUCATION

The requirements for the Bachelor of Science degree in Physical Education under the requirements for Bachelor of Arts in Education degree. See pages 53-55.

PHYSICS

MINOR 22-25

Required Courses

Physics 101, 103 or 210, 211, 201, 310, 320, 321, 340, or 420, 421

Mathematics: 221, 231 251

RECREATION

MAJOR				30 Sem. Hrs.
Health				4
	241	First Aid and Safety Ed.	2	
	308	School Health Problems	2	
Theory (Recreation)				12
	241	Introduction to Recreation	2	
	341	Workshop and Recreation Institute	2	
	344	Recreational Leadership	1	
	345	Practice Leadership	2	
	346	Theory of Recreation	2	
	347	Leisure in the Modern World	2	
	422	Camping and Youth Organizations	2	
	443	Community and Industrial Recreation	3	
	445	Org. and Adm. of Rec. and Playgrounds	3	
Sports in Recreation				8
Physical Education				
	115	Freshman Orientation	2	
	131 or 231	Beg. or Inter. Swimming	1	
	214	Leadership in Graded Games	2	
	237	Fundamentals of Tennis	1	
	271	Team Sports	2	
	272	Individual and Dual Activities	1	
	317	Stunts and Tumbling	1	
	331	Swimming Techniques and Life Saving	2	
Recreation				
	324	Archery and Badminton	1	
	336	Co-recreational Activities	2	
	339	Bowling	1	
Rhythms and Creative Arts				6
P. E.	325	Folk Dancing	2	
P. E.	425	Children's Rhythms	1	
Rec.	126	Rhythmic Activities	1	
Rec.	325	Square Dancing	1	
I. A.	314	Plastics and Crafts, I	2	
I. A.	414	Plastics and Crafts, II	2	
Speech	331	Children's Theatre	1	
Speech	151	Play Production	2	

SECRETARIAL STUDIES

MAJOR

Required Courses			33 Sem. Hrs.
101, 102	Beginning and Intermediate Typewriting or		
211	Advanced Typwriting	4	
201, 202	Beginning Shorthand	8	
251	Business Correspondence	2	
301, 302	Advanced Shorthand and Transcription	8	
311	Office Machines	2	
351	Secretarial Office Practice	3	
201, 202	Principles of Accounting	6	

MINOR

Required Courses			21 Sem. Hrs.
101, 102	Beginning and Intermediate Typewriting or		
211	Advanced Typewriting	4	
201, 202	Beginning Shortland	8	
301	Advanced Shorthand	4	
311	Office Machines	2	
201	Principles of Accounting	3	

SOCIOLOGY

MAJOR		24 Sem. Hrs.
Required Courses		15
201, 202 Fundamental Social Problems	6	
301 Anthropology	3	
310 Marriage and the Family	3	
403 Social Psychology	3	
Electives		9

Selected from the offerings in the Department of Sociology with the Adviser's approval.

MINOR		18 Sem. Hrs.
Required Courses		12
201, 202 Fundamental Social Problems	6	
301 Anthropology	3	
403 Social Psychology	3	
Electives		6

Selected from the offerings of the Department of Sociology with the Adviser's approval.

SPEECH AND DRAMATICS

MAJOR

The requirements for the Bachelor of Arts degree with major in speech are the same as those described for Speech under the requirements for the Bachelor of Arts in Education degree. See page 57.

MINOR IN SPEECH AND DRAMATICS 21 Sem. Hrs.

Required Courses: 101, 105, 151, 243, 245, 330, 336, 337, 421, 430.
Electives: Any three hours in Speech and Dramatics.

REQUIREMENTS FOR THE BACHELOR OF ARTS DEGREE IN EDUCATION

The education of teachers at Fairmont State College is designed to utilize the cooperative functions of the several subject matter areas and the department of professional education. The philosophy of the college is that adequate preparation for teaching requires rich and comprehensive experience in the area of general education, a reasonable degree of concentration in two of the subject matter fields, and the development of certain attitudes, skills and understanding which characterize effective teaching. The State Board of Education has adopted a program of general and professional education which is required of all students preparing for teaching.

COURSES OF INSTRUCTION

Fairmont State College offers three curricula leading to the Bachelor of Arts in Education degree. Students satisifactorily completing Curriculum A will quality for the Professional Certificate for grades 7-12; Curriculum B, for the Professional Certificates for grades 1-9. Fairmont State College also offers all courses required for Temporary Certificates, i.e., certificates of lower level than a Professional Certificate. Furthermore, courses of study leading to non-academic certificates in art and music are offered.

Prospective students who began their academic work some time ago and who are now seeking to qualify for a teaching permit, or some other certificate, are urged to confer with the Dean and the Chairman of the Department of Education to determine the most convenient way to attain the certification they desire. The detailed outline of the several curricular requirements to be found in following sections is concerned primarily with the needs of students whose academic program began in September of 1949, or later. Students who began their college careers before this date are advised to make a thorough check of requirements with the Registrar and the chairman of the department of education.

It is the responsibility of candidates for a degree to know and to meet the general requirements of the College and the specific requirements of the chosen curriculum. It is the student's responsibility also to keep informed on his grade-point standing. All of this information may be obtained from the student's advisor or from the Registrar's office.

STUDENT TEACHING

Student teaching is required in all curricula. At the present time, elementary school training is provided at East Park, Jayenne, White, and Butcher elementary schools. Secondary training is given in connection with local Marion County junior and senior high schools. All student teaching is under the joint direction of Fairmont State College and the Board of Education of the county in which the teaching is done.

Eligibility for student teaching is determined by the ability of the student to meet the following requirements.

1. Minimum earned credits in academic and professional courses as follows:
   a. For enrollment in Ed. 250, 32 semester hours including 8 hours in education courses.
   b. For enrollment in Ed. "Block Classes", 90 semester hours including 8 hours in education courses, and three-fourths of the required work in each teaching field.

*See Supplement 1963 Bulletin for possible changes in requirements.

2. An average of not less than C.
    a. On all credits to be counted toward graduation.
    b. On all credits in areas of concentration or teaching fields.
    c. On all credits earned in the department of education.
3. A statement from the college health department showing that the student has been given a physical examination and found to be physically fit for assignment to directed teaching.
4. An application from the student's supervisor showing the semester hours of credit together with the quality point average. This form must be countersigned by the Dean and the Chairman of the Department of Education.

All students seeking degrees under Curriculum A and B will be required to complete a total of seven hours in student teaching.

THE BLOCK SYSTEM

Fairmont State College has adopted the block system for scheduling directed teaching. The significant features of this plan are: (1) a semester is reserved for the student in which he or she will schedule a block of professional subjects including methods and directed teaching; (2) a nine-weeks section of that semester will be used exclusively for directed teaching; (3) during this nine-weeks period, the daily assignment for student teaching will comprise all hours the school is in session; (4) in addition to classroom assignments, student teachers will participate in the extra-curricular activities of the school and community.

One semester of the senior year will be used for scheduling a block of approximately 15 semester hours of professional courses. To schedule the "Block," a student must have met the requirements for directed teaching as described in the several preceding paragraphs. Students and advisers should understand that the block system requires exact planning during the early years of the college career as well as in the senior year. All general requirements of the college as well as the minimum requirements of the teaching fields will have to be completed before the "Block" can be scheduled.

SUMMARY OF REQUIREMENTS

Briefly stated, the requirements for the Bachelor of Arts in Education degree are: The candidate must earn a minimum of 128 hours credit in approved subjects with a quality point average of 2.0, or better, for all courses attempted, for all professional courses, and for all courses in his teaching fields. He must also meet the general and specific requirements set up for the curriculum and teaching fields he elects. See Supplement of 1963 Bulletin for possible changes.

OUTLINE OF GENERAL REQUIREMENTS FOR THE BACHELOR OF ARTS IN EDUCATION DEGREE

	Hours Required by Curricula		Special
Subject—Cat. No.	Cur. A.	Cur. B.	Nonacademic
ART 353	0	2	0
354	0	2	0
255	2	2	2
ENGLISH			
Written and Spoken: 102A or 102B	3	3	3
104	3	3	3
208	3	3	3

Literature	251 or 252	3	3	3
	261 or 262	3	3	3
	207	0	3	0
GEOGRAPHY	210 or 305	0	3	0
HEALTH	102*	2	2	2
	308	0	2	0
HISTORY	111, 112	6	6	6
	207 or 208	3	3	3
	302	0	3	0
MATHEMATICS	110	3	3	3
	310	0	3	0
MUSIC	331	0	3	0
	332	0	3	0
	205	2	2	2
PHYSICAL EDUCATION	101, 111(W)	2	2	2
	115, 116(M)	2	2	2
	214	0	2	0
SCIENCE				
Biology	101, 102	6 or	6	6 or
Physical Science	201, 202**	6	6	6
SOCIOLOGY	201, 202	6	6	6
SPEECH	210	3	3	3

*Not required of those students who complete 6 hours credit in biology.

**Physical Science 201 and 202 are alternates for biology only in curricula A and Special nonacademic. Credit is not allowed for General Physical Science if credit is earned in college physics and chemistry.

OUTLINE OF THE PROFESSIONAL REQUIREMENTS FOR THE BACHELOR OF ARTS IN EDUCATION DEGREE

Subject		Hours Required by Curricula		
Cat. No.	Title	Cur. A.*	Cur. B.**	Non-Academic
Education				
100	Introduction to Ed.	2	2	2
202, 203	Human Growth & Develp.	6	6	6
226	Primary Methods	0	3	0
306	Test and Measurements	2	2	2
366	Intermediate El. Methods	0	3	3
341	Methods in Reading	2	0	0
432	Prin. & Meth., Teach. in H.S.	4	0	4
250	Observ. & Directed Teach.	0	0-3	0
420	Observ. & Directed Teach.	0	3-7	0
425	Observ. & Directed Teach.	0	0	7
450	Observ. & Directed Teach.	7	0	0
Total		23	23	24

*Students in Curriculum A must complete their directed teaching work on the junior or senior high school level in two or more fields selected for concentration. Students in Curriculum B must include directed teaching in the primary and intermediate or primary and upper grade levels.

**Students in Curriculum B must complete two fields for teaching in the junior high school. This means that to be certified to teach in the elementary school one must qualify to teach in the junior high school by earning a minimum of 18 semester hours credit with a quality point average of C, or better, in each of two approved fields. See the list of approved fields under "Curriculum B."

TEACHING CURRICULA

Satisfactory completion of the requirements in Curriculum A will qualify one for the West Virginia Professional Certificate, grades 7-12. Curriculum B prepares for the Professional Certificate, grades 1-9. The special non-academic curriculum qualifies the student for the Nonacademic Professional Certificate in music or art in grades 1-12.

CURRICULUM A

1. Curriculum A is planned for the students who wish to prepare for teaching in the junior and senior high schools of West Virginia. This curriculum includes the following:

General education courses	43-45	Sem. Hrs.
Professional courses	23	Sem. Hrs.
Teaching field or fields	60-62	Sem. Hrs.
Total	128	Sem. Hrs.

2. General education courses total 43-45 semester hours and include the following:

Art 255	2	Mathematics 110	3
Biology 101, 102 or		Music 205	2
Phys. Sci. 201, 202	6	Physical Education	2
English		101, 102 (W)	
102, 104. 208	9	111, 116 (M)	
251 or 252, 261 or 262	6	Health, 102*	2
History 111, 112	6	Sociology 201, 202	6
History 207 or 208	3	Speech 210	3

*Not required of students who complete 6 hours of credit in Biology.

3. Professional courses include 23 semester hours as a minimum. These courses are:

Education

100 Introduction to Education	2	341 Methods in Reading	2
202, 203 Human Growth & Develop.	6	432 Prin. & Meth., Sec. Schools	4
306 Tests and Measurements	2	450 Directed Teaching Sec. Sch.	7

4. Students must complete all requirements in at least two teaching fields. Teaching-fields are now available as follows:

   Art
   Biological Science
   Biological and General Science
   Commerce—Business Principles
   Commerce—Occupational
   English
   French
   Home Economics
   Industrial Arts
   Mathematics
   Music
   Physical Education
   Physical Science
   Physical and General Science
   Social Studies
   Speech

CURRICULUM B

1. Curriculum B has been organized for those students who are preparing to teach in the elementary schools. Those students who successfully complete this curriculum will qualify for a Professional Certificate for teaching in the public schools in grades 1 through 9. State rules and regulations governing the issuance of the Professional Certificate require a minimum of 18 of the 24 hours prescribed in the field of specialization (12 of the 18 hours in mathematics) for full time teaching. The minimum must include:

   Art to include drawing, design and painting.

   Commerce to include typewriting, shorthand, and accounting.

   English to include composition and literature.

   Foreign Language to include composition, grammar, and literature.

   General Science to include general biological science and general physical science, chemistry or physics.

   Home Economics to include foods and nutrition, textiles and clothing.

   Industrial Arts to include drawing, general shop, and organization of industrial arts.

   Mathematics to include college algebra.

   Music to include theory and applied music.

   Physical Education to include health problems for the school child and organization and administration of health and physical education.

   Social Studies to include American history and world geography.

   Speech to include fundamentals of speech, voice and diction, play directing, and speech correction.

Pertinent courses meeting the general education requirements may be used toward the completion of one or more minors.

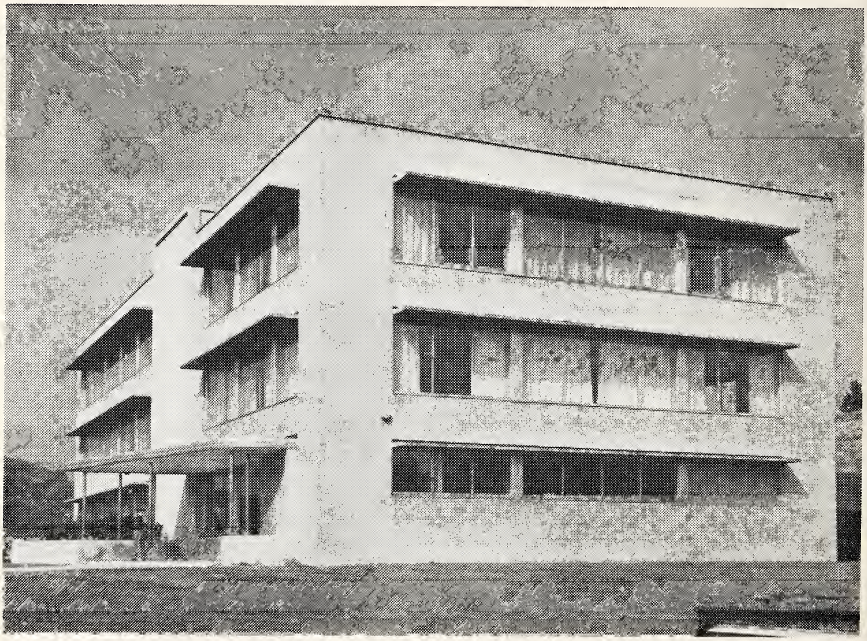
2. General Education

Art 255, 353, 354	6
Biology 101, 102	6
English 102, 104, 208	9
251 or 252, 261 or 262, 207	9
Geography 210 or 305	3
Health 308	2
History 111, 112	6
207 or 208	3
302	3
Mathematics 110, 310	6
Music 205, 331, 332	8
Physical Education	2
101, 111 (W)	2
115, 116 (M)	
214	2
Physical Science 201, 202	6
Sociology 201, 202	6
Speech	3

3. Professional courses include a minimum of 23 semester hours. These courses are:

Education

100 Introduction to Education	2	306 Tests and Measurements	2
202, 203 Human Growth & Dev.	6	336 Intermed. & Upper Gr. Meth.	3
226 Primary Methods	3	250 and/or 420 Directed Teach.	7



NONACADEMIC CURRICULA

1. The departments of Art and Music maintain nonacademic curricula in addition to the regular college curricula. The nonacademic curriculum is designed specifically to prepare teachers for work in grades 1 through 12. Consequently, students in this curriculum will necessarily include methods of teaching and directed teaching in all grades in their programs of study. The curriculum includes the following:

General education courses	42-44 Sem. Hrs.
Professional courses	24 Sem. Hrs.
Teaching fields and electives	60-62 Sem. Hrs.
Total	128 Sem. Hrs.

2. General education courses include the following:

Art 255	2	Mathematics 110	3
Biology 101, 102 or		Music 205	2
Phys. Science 201, 202	6	Physical Ed.	2
English		101, 111 (W)	
102, 104, 208	9	115, 116 (M)	
202, 204	6	Health 102*	2
History 111, 112	6	Sociology 201, 202	6
207 or 208	3	Speech	3

*Not required of students who complete 6 hours credit in biology.

3. Professional Courses include:

Education

100 Introduction to Education	2	336 Intermediate & Up. Gr. Meth.	3
202, 203 Human Growth & Dev.	6	432 Prin. & Meth., Sec. Schools	4
306 Tests and Measurements	2	425 Directed Teaching	7

4. Specific subject matter requirements are described under Art and Music in the list "Specific Requirements for all Teaching Fields."

SPECIFIC REQUIREMENTS FOR ALL TEACHING FIELDS

ART

Special Non-Academic Professional Certificate, Grades 1-12
Certifies teachers in art only for all grades from 1-12.

Requires Courses	47 Sem. Hrs.	Pre-requisites
140 Art Structure and Applied Design	3	
141 Art Structure and Applied Design	3	140
142 Drawing	2	
241 Drawing from Life	2	142
242 Drawing and Painting from Life	3	142, 241
261 Painting in Oil	3	142, 241, 242
363 Watercolor Painting	3	142
283 Modeling and Sculpture	2	142
255 History and Appreciation of Art	2	
278 Ancient and Medieval Art	3	255
377 Italian and Northern Renaissance Art	3	255
378 Nineteenth Century and Contemporary Art	3	255
353 Creative Expression in Fine Arts	2	
354 Creative Expression in Applied Art	2	
355 Applied Problems for High School	2	353, 354
383 Ceramics	3	
Electives	6	

Curriculum A—First Class High School Certificate. Certifies teachers in art for junior and senior high school. Requirements are the same for both first and second teaching fields.

Required Courses	36 Sem. Hrs.	Pre-requisites
140 Art Structure and Applied Design	3	
141 Art Structure and Applied Design	3	140

142	Drawing	2	
261	Oil Painting	2	142
363	Watercolor Painting	3	142
283	Modeling and Sculpture	2	
383	Ceramics	3	
255	Art History and Appreciation	2	
278	Ancient and Medieval Art	3	255
377	Italian and Northern Renaissance Art	3	255
378	Nineteenth Century and Contemporary Art	3	255
354	Creative Expression in Applied Art	2	
355	Applied Problems for High School	2	354
	Electives	3	

BIOLOGICAL SCIENCE

First Teaching Field

Required courses in Biology	27	Sem. Hrs.
Biology 101, 102 Introduction to Biology	6	
Biology 201 General Botany	4	
Biology 220 Invertebrate Zoology	4	
Biology 221 Vertebrate Zoology	4	
Biology 224 Microbiology	3	
Electives: 6 hrs. in Groups A and/or B, C	6	

Group A: Biology *330, 340, 341, 361, 371, 451

Group B: Biology 220, 221, *315, *322, 350, 410, 411, 420, 425, 450

Group C: Biology 242, 380, 390, 415, 460, 480

Related required courses	19	Sem. Hrs.
Chemistry 101, 102	8	
Physics 101, 102	8	
Mathematics 221	3	

Second Teaching Field
Requirements same as for the First Teaching Field

*These courses are strongly recommended. Students who find it possible to attend summer school should include them in their program.

BIOLOGICAL AND GENERAL SCIENCE

Same as above plus Physics 201, and Geology 201 or 302

COMMERCE—BUSINESS PRINCIPLES*

First Teaching Field				28 Sem. Hrs.
Required Courses				28
Bus.	141	Business Mathematics	3	
Bus.	201, 202	Prin. of Accounting	6	
Bus.	306	Business Law	3	
Bus.	304	Marketing	3	
Econ.	201, 202	Econ. Prin. & Probs.	6	
Econ.	303	Money, Credit and Banking	3	

Sec. St. 101, 202 Typewriting 4
or 211

Second Teaching Field 28 Sem. Hrs.

Requirements same as for the First Teaching Field.

*For preparation in this field students are advised to complete Sec. Studies 251.

COMMERCE-OCCUPATIONAL

First Teaching Field 24 Sem. Hrs.
Required Courses 21
Bus. 201, 202 Principles of Accounting 6
Sec. St. 101, 102 Typewriting 4
or 211
Sec. St. 201, 202 Beginning Shorthand 8
Sec. St. 351 Secretarial Office Practice 3
Electives from the following courses 3
Bus. 205 Salesmanship 3
Bus. 306 Business Law 3
Bus. 320 Advertising 3
Second Teaching Field 24 Sem. Hrs.

Requirements same as for First Teaching Field.

ENGLISH

First Teaching Field 36 Sem. Hrs.
Required Courses
102, 104 First Yr. Written & Spoken 6
208 Second Yr. Written and Spoken 3
321 Study of the English Language 3
251, 252 Survey of English Literature 6
261, 262 Survey of American Literature 6
Electives:
Group I 4-8
207, 311, 312, 313, 314, 318, 341, 342
Group II 4-8
302, 315, 317, 322, 324, 328, 329, 330, 331, 413
Course in Library Science or Journalism strongly recommended
Second Teaching Field 36 Sem. Hrs.

Requirements same as for the First Teaching Field.

FRENCH

First Teaching Field 30 Sem. Hrs.
Required Courses 18
101, 102 Elementary French or equivalent 6
201, 202 Second Year French 6
308 Conversation or 309 Advanced Grammer & Comp. 3
400 Seminar 3
Electives
301 Literature of the 17th Cent. 3
302 Literature of the 18th Cent. 3
309 Adv. Grammer and Comp. 3

421	Literature of 19th Cent.	3
422	Literature of 19th Cent.	3
431	French Civilization and Culture	3
321	Contemporary Literature	3

Second Teaching Field 30 Sem. Hrs.

Requirements same as for First Teaching Field.

HOME ECONOMICS

First Teaching Field 35 Sem. Hrs.

Required Courses

101	Principles of Clothing Construction	2
102	Advanced Clothing Const.	3
103	Principles of Clothing Selection	2
201	Principles of Food Selection and Preparation	3
202	Advanced Foods	3
210	Textiles	3
303	Nutrition	3
310	Family Life Ed.	2
315	Home Management	3
320	Home Planning and Furnishing	4
330	Child Care and Development	2
340	Quantity Cookery	3
406	Techniques	2

General Chemistry 101, 102 strongly recommended.

Second Teaching Field 24 Sem. Hrs.

Required Courses

101	Elementary Clothing	2
103	Principles of Clothing Section	2
201	Elementary Foods	3
210	Textiles	3
303	Nutrition	3
310	Family Life Ed.	2
315	Home Management	3
320	Home Planning and Furnishing	4
330	Child Care and Development	2

General Chemistry strongly recommended.

INDUSTRIAL ARTS

First Teaching Field 33 Sem. Hrs.

Required Courses 20

103	General Woodworking	3
110	General Shop	3
130	General Electricity	3
140	General Drawing	3
200	General Machine Shop	3
325	Administration and Organization of Ind. Arts	2
335	Philosophy of Industrial Arts	3

Electives 13

Select a sufficient number of courses from at least two areas to make a minimum of 13 semester hours:

120	Materials of Industrial Arts	3
209	Elements of Machine Design	2
214	General Crafts	3

220	Sheet Metal	2
230	Electricity	2
242	Architectural Drawing	3
300	Blue Print Reading	2
302	Advanced Woodworking, Machine	2
303	Furniture Construction and Design	2
304	General Cabinet Making	3
308	Wood Finishing	2
310	General Shop	2
314	Plastics and Crafts	2
320	Sheet Metal	2
322	General Metals	3
334	Machine Shop	2
340	Mathematical Drawing	2
342	Architectural Drawing	2
345	Oxy-Acetylene Welding	3
346	Arc Welding	3
350	Machine Drawing	2
360	School Shop Planning	2
388	Cabinet Making	2
404	Building Construction	4
404A	Building Construction	2
405	Building Construction	4
405A	Building Construction	2
408	Cabinet Making	2
415	Driver Education	2
420	Sheet Metal	2
422	General Metals	2
434	Machine Shop	2
442	Architectural Drawing	2
450	Machine Drawing	2
462	Architectural Drawing	2
474	Industrial Maintenance	2-3
475	Mill Wrighting	2-3
490	Methods and Materials for Teaching I.A.	2

Second Teaching Field 33 Sem. Hrs.

Requirements same as for First Teaching Field.

MATHEMATICS*

First Teaching Field 21 Sem. Hrs.

Required Courses

221	College Algebra	3
231	Plane Trigonometry	3
251	Analytic Geometry	4
321	Differential Calculus	4
331	Integral Calculus	4

Electives 3

341, 361, 372, 381, 391, 393, 401, 411

Second Teaching Field 21 Sem. Hrs.

Same as for the First Teaching Field

*One and one half units of high school algebra, one unit of plane geometry, and one-half unit of solid geometry are required of students preparing for certification in mathematics. Students who present but one unit in algebra will be required to complete Math. 111; those who do not have credit in solid geometry will be required to complete it before enrolling in Math. 321.

MUSIC			58 Sem. Hrs.
Nonacademic Professional Certificate, Grades 1-12			
Theory			16
109E	(Does not apply music theory requirement)****	3	
109, 110		8	
209, 210		8	
Applied Music			16
105-108 or *107-208	Piano	4	
139-140	Voice Class	1	
211	Begin. String Class	1	
213	Begin. Brass Class	1	
215	Begin. Woodwind Class	1	
217	Begin. Percussion Class	1	
**320-421	Tech. Keyboard Accom'p'y	1	
	Elective in performance area as approved by department adviser	7	
History and Appreciation			8
205	Music in Human Relations	2	
313-314	Music History	6	
Conducting			4
345-346	Conducting	4	
***Participation			6
169-470	Band		
167-468	Collegiates Club		
173-474	College Chorus		
275-476	Advanced Instrument Ensembles		
277-478	Advanced Choral Ensembles		
Music Education			6
332	Music Material and Proced.	3	
431	Music Educ. for Schools	3	
Electives in Music			2
First Teaching Field			40 Sem. Hrs.

The courses for the professional certificate for teaching in high school are to be selected from the list for the nonacademic professional certificate with the following distribution:

Theory	12
Applied Music, including voice, piano* and orchestra instruments	10
Music History and Appreciation	8
Conducting	4
***Participation	3
Music Education	3

Second Teaching Field

Requirements same as for First Teaching Field

*Piano is required of all students. At the completion of the required number of hours, the student must pass a proficiency examination. If the student fails the examination, he (she) must pursue the subject, without credit, until a satisfactory degree of proficiency has been attained.

**Keyboard accompanying may be substituted for applied piano.

***All students majoring or minoring in music are required to participate in at least one campus music performance group during each semester of college registration. When the required number of participation credits has been attained, students may register for performance groups on a non-credit basis, or else apply participation credit toward the area of music electives.

****This class may be omitted from a student's program by examination.

PHYSICAL EDUCATION (Men)

First Teaching Field				30 Sem. Hrs.
Required Courses				18
Physical Education			12	
115, 116*	Freshman Orientation	2		
271	Team Sports	2		
272	Individual and Dual Activities	2		
310	Human Anatomy, Physiology	2		
311	Kinesiology	2		
**461	Organization and Administration of P.E.	2		
Health			6	
102	Personal Health	2		
308	School Health Problems	2		
404	Physical Inspection	2		
Electives				12
Physical Education: Team Sports			5	
201	Theory and Practice in Fund. Football	1		
202	Theory and Practice in Fund. Basketball	1		
203	Theory and Practice in Fund. Baseball	1		
204	Theory and Practice in Fund. Track	1		
210	Theory and Practice in Fund. Soccer	1		
215	Theory and Practice in Fund. of Bowling	1		
320	Theory of Coaching Football	2		
321	Theory of Coaching Basketball	2		
322	Theory of Coaching Track	2		
323	Theory of Coaching Baseball	2		
324	Theory of Coaching Wrestling	2		
329	Officiating: Football and Basketball	2		
Recreational Activities			2	
Physical Education:				
131	Beginner's Swimming	1		
205	Theory and Practice in Fund of Golf	1		
206	Theory and Practice in Fund. of Tennis	1		
207	Theory and Practice in Fund. of Wrestling	1		
208	Theory and Practice in Fund. of Swimming	1		
209	Theory and Practice in Fund. of Crosscountry	1		
231	Intermediate Swimming	1		
237	Beginner's Tennis	1		
317	Stunts and Tumbling	1		
324	Archery and Badminton	1		
330	Advanced Swimming	2		
331	Swimming Techniques and Life Saving	2		
337	Advanced Tennis	1		
365	Activities, Assisting	1		
344	Leadership in Physical Ed.	3		

School and Community			4
Recreation			
336	Co-Recreational Activities	2	
442	Camping and Youth Organizations	2	
443	Community and Industrial Organizations	2	
Health			
241	First Aid and Safety Education	2	
Rhythmic Activities			1
Recreation			
126	Social Dancing	1	
325	Square Dancing	1	
Physical Education			
325	Folk Dancing	1	

Second Teaching Field

Requirements same as for the First Teaching Field.

*Required that student practice for and participate in Physical Education Jamboree.

**At least two courses numbered from 200 to 215 are pre-requisite to 461.

PHYSICAL EDUCATION (Women)

First Teaching Field				32 Sem. Hrs.
Required Courses			14	
Physical Education				
101, 111	Freshman Orientation	2		
310	Human Anatomy, Physiology, and	2		
311	Kinesiology	2		
*351	History and Principles of P.E.	2		
461	Organization and Administration of P.E.	2		
Health				
102	Personal Health	2		
308	School Health Problems	2		
404	Physical Inspection	2		
Electives: From the area of Team Sports			7	
Physical Education				
117	Field Hockey and Soccer	1		
217	Volley Ball and Basketball	1		
219	LaCrosse and Softball	1		
316	Coaching and Off. Hockey and Soccer	2		
319	Coaching and Off. LaCrosse and Softball	2		
327	Coaching and Off. Volleyball and Basketball	2		
Electives: From the area of Recreational Activities			4	
Physical Education				
131, 231 330, 331	Swimming	1-2		
237, 337	Tennis	1		
**317	Stunts and Tumbling	1		
Recreation				
324	Archery and Badminton	1		
339	Bowling	1		

Electives: From the Area Community and School			4
Physical Education			
442	Camping and Youth Organ.	2	
443	Community and Indus. Organ.	2	
Recreation			
336	Co-recreational Activities	2	
Health			
241	First Aid	2	
Electives: From the Area of Rhythms			3
Physical Education			
226	Modern Dance	1	
325	Folk Dance	1	
425	Children's Rhythms	1	
Recreation			
325	Square Dance	1	

*May be elected instead of P.E. 461.

**Required for this area.

Second Teaching Field 32 Sem. Hrs.

Requirements same as for the First Teaching Field.

PHYSICAL SCIENCE

First Teaching Field				42 Sem. Hrs.
Required Courses				
Chemistry			8	
101, 102	General Chemistry	8		
Physics			15	
101, 103	Introduction to Physics	8		
201	Demonstrations in Physics	3		
310	Electricity and Electronics	4		
Electives (At least 8 hours must be in Chemistry)			13	
Chemistry				
201	Qualitative Analysis	4		
240, 241	Quantitative Analysis	4-8		
301, 303	Organic Chemistry	8		
Physics			5	
320, 321	Mechanics	6		
340	Special Problems	2-3		
420, 421	Introduction to Atomic Physics	6		
Mathematics 110 or higher		6		
Second Teaching Field				30 Sem. Hrs.
Required Areas				
Chemistry		12-16		
Physics		8-12		
Mathematics 110 or higher		6		
Elective				
Geology		3		

PHYSICAL AND GENERAL SCIENCE 44 Sem. Hrs.

First Teaching Field

Required Courses

Chemistry			8
101, 102	General Chemistry	8	
Physics			15
101, 103	Introduction to Physics	8	
201	Demonstration in Physics	3	
310	Electricity and Electronics	4	
Biology			6
101, 102	General Biology	6	
Electives (A minimum of four hours must be in chemistry)			15
Chemistry		4-8	
Physics		0-4	
Biology		0-4	

Second Teaching Field

Requirements same as for First Teaching Field

SECRETARIAL STUDIES 24 Sem. Hrs.

See Commerce-Occupational

SOCIAL STUDIES 39 Sem. Hrs.

First Teaching Field

Required Courses

History		
111, 112	Development of Social Institutions	6
207, 208	Survey of United States History	6
340 341	History of Europe 1870 to 1919 or History of Europe 1919 to Present	3
302	History of West Virginia	3
Economics		
*305	Economic Principles	3
Geography		
210 305	World Regional or World Political Geography	3
Political Science		
103	American Government	3
Sociology		
201, 202	Fundamental Social Problems	6
To be selected from the following:		3
301	Cultural Anthropology, or	
310	Marriage and the Family, or	
350	Sociology of Adolescence, or	
403	Social Psychology, or	
420	Educational Sociology	

Electives: From History, Economics, Geography, Political Science, Sociology 3

Second Teaching Field

Requirements same as for First Teaching Field

*Economics 201 or 202, Economic Principles and Problems, may be substituted for Economics 305 with the consent of instructor.

SPEECH

First Teaching Field 28 Sem. Hrs.

Required Courses 14

101	Fundamentals of Speech	2
105	Voice and Diction	2
243	Debate	2
336	Play Directing	2
336L	Play Directing Lab.	1
337	Effective Speaking	2
430	Speech Correction	3

Elective Courses* 14

Forensics

244	Intercollegiate Debating	1-4
245	Oratory	1-2
401	Extemporaneous Speaking	1

Radio

330	Fund. of Radio Speech	2
334	Radio Production	2
334L	Radio Production Lab.	1

Theatre

120	Theatre Appreciation	2
151	Play Production	2
152-452	Theatre Workshop	1-2
251	Acting	2
301-301L	Makeup	1-2
318	Modern Drama	2
321	Summer Theatre: Rehearsal and Performance	3
322	Summer Theatre: Production and Management	3
331	Children's Theatre	2

Interpretation

313	Shakespeare: Comedies	2
314	Shakespeare: Tragedies	2
421	Poetry Interpretation	3

Related Courses

107	Speech Improvement	2
345	Speech Problems of Children	3
440	Speech and Dramatics Seminar	1

*At least one course must be elected in each area.

Second Teaching Field 24 Sem. Hrs.

Required Courses

101, 105, 151, 243, 245, 330, 336, 337, 421, 430

Electives: From courses listed for First Teaching Field 3

SPECIAL CURRICULA

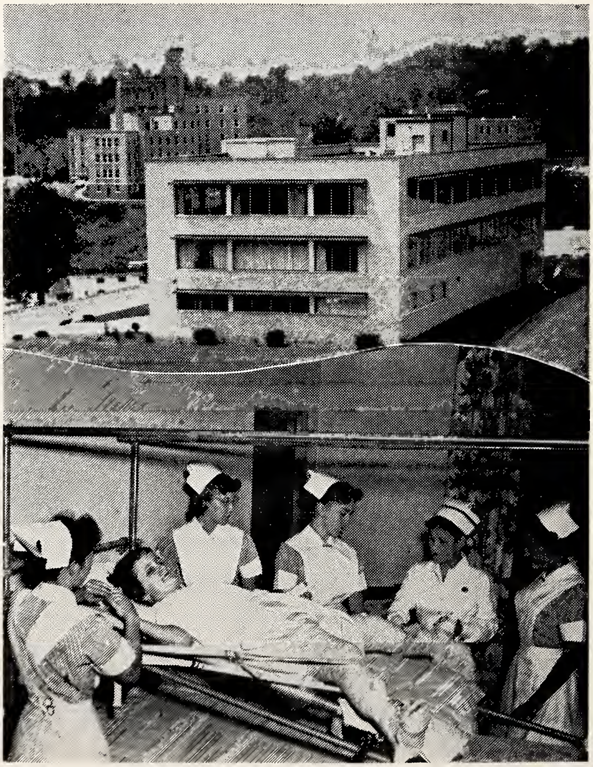
PRE-PROFESSIONAL CURRICULA

The courses outlined below are organized to meet the needs of those students who plan to continue their work in some professional school after one or two years as a student in Fairmont. Since most of this work is basic in character, it may be used in meeting the requirements for graduation from Fairmont State College.

Pre-professional work is offered in the following fields:

Dentistry
Law
Medicine
Medical Technology
Pharmacy
Nursing
Social Work

An outline of the courses to be included in the pre-professional curricula listed above is outlined below for the use of students and advisers. Since the majority of students doing such work will later enter the professional schools at West Virginia University, the courses have been prepared with the idea of meeting the requirements laid down by University authorities for their own pre-professional students. Students expecting to enroll in other professional schools should procure a catalogue from the school they expect to enter with



NURSING—(Pre-professional curricula)

advanced standing so that the course taken here will meet the requirements they need to meet. The pre-professional field adviser will assist students in making all necessary adjustments.

The arrangement of courses of the pre-professional curricula by years may have to be varied somewhat to meet schedule situations and the interests of students. The pre-professional advisers should, however, be consulted as regards any such changes before they are made.

PRE-DENTAL CURRICULUM

Students enrolled in pre-dentistry should plan their programs in relation to the requirements of specific college of dentistry, for the entrance requirements differ somewhat among the various colleges. They should obtain a catalog from the school of their choice, and use it as a guide in selecting their courses in Fairmont. Only students with a B average, or higher will be urged to continue dental training.

A recommended schedule for a two-year pre-dental course in Fairmont State College follows:

	First Year		Second Year	
Course	Hrs.	Hrs.	Hrs.	Hrs
English 102, 104	3	3		
Chemistry 101, 102	4	4		
French 101, 201	3	3		
French 201, 202			3	3
Biology 101, 102	3	3		
Biology* 320, 321			4	4
Physics 101, 103			4	4
Chemistry 301, 303			4	4
Psychology 103	3			
Electives (Composition, Literature or Sociology)		3	2	2

*Some dental schools specifically require zoology. In most instances, biology or zoology courses will meet requirements. There normally should be an opportunity to include 3-4 hours of elective courses in the first year.

PRE-LAW CURRICULUM

Fairmont State College no longer offers a distinct Pre-Law curriculum, for the policy of law schools generally is to admit only those applicants who have been graduated with at least a bachelor's degree. Narrow curricula are no longer specified. Students, therefore, who are working toward entrance to law school should consult with the Pre-Law adviser and follow his recommendations.

PRE-MEDICAL CURRICULUM

Students planning to study medicine will find ample opportunity to prepare for this profession at Fairmont State College. Courses in the physical and biological sciences are adequate to meet the requirements of any medical college. The pre-medical student, however, should understand that medical colleges do not regard the basic sciences as the only important area in the preparatory program for the profession. Indeed the trend is definitely to favor general education over a narrow, specialized science concentration. The pre-medical curriculum at Fairmont has been developed in consideration of this trend.

Most medical colleges expect or require applicants to be graduates of a four-year college, but some students may be admitted upon completion of a three-year curriculum. Graduates of Fairmont who have completed the pre-medical curriculum with good marks are readily accepted by several outstanding medical colleges. One should know however that mediocre work is not a recommendation for entrance to any professional school. Consequently, only the better students can be confident of admission to a medical college.

SUGGESTED SCHEDULE

First Year

Eng.	102, 104	First Year Wr. & Spkn. Eng.	6 Hrs.
Hist.	111, 112	Development of Social Inst.	6 Hrs.
Chem.	101, 102	General Chemistry	8 Hrs.
Math.	221, 231	College Algebra and Trigonometry	6 Hrs.
P. Ed.	115, 116	Freshman Orientation	2 Hrs.
Biol.	101, 102	Introduction to Biology	6 Hrs.

Second Year

Eng.	251 or 252: 261 or 262	Eng. and Am. Lit.	6 Hrs.
Soc.	201, 202	Fundamental Social Problems	6 Hrs.
Chem.	201, 241	Qual. and Quan. Analysis	8 Hrs.
Phys.	101, 102	Introduction to Physics	8 Hrs.
Fr.	101, 102	Elementary French	6 Hrs.

Third Year

Art.	225	Hist. and App. of Art	2 Hrs.
Chem.	301, 302	Organic Chemistry	8 Hrs.
Fr.	201, 202	Second Yr. French	6 Hrs.
Sp.	210	Adv. Spoken Eng.	3 Hrs.
Biol.	321, 350	Vertebrate Zoo. and Comp. Anat.	8 Hrs.
Mus.	250	Music in Human Relations	2 Hrs.
Hist.	207 or 208	American History	3 Hrs.
Psy.	103	General Psychology	3 Hrs.
Chem.	405	Physical Chem.	4 Hrs.
Electives			30 Hrs.

PRE-PHARMACY CURRICULA

National requirements for the study of pharmacy require five years of study beyond high school. The curriculum requires the completion of two years of pre-pharmacy and three years of study and training in a professional school of pharmacy. Prospective pharmacy students should, of course, plan their programs in such a manner as to insure meeting requirements of the particular professional school of pharmacy to which they wish to transfer. The following two-year preparatory program is suggested.

	First Year		Second Year	
Course	Hrs.	Hrs.	Hrs.	Hrs.
English 102, 104	3	3		
Chemistry 101, 102	4	4		
Biology 101, 102	3	3		
Speech 101	2			
Math 221	3			
P. Ed. 101, 102(W) or 115, 116(M)	1	1		
Math 231		3		
Electives		2		

Economics 201	3	
Physics 101, 102	4	4
Chemistry 241		4
Botany 201	4	
Chemistry 301, 302	4	4
Electives	2	4

PRE-MEDICAL TECHNOLOGY CURRICULUM

Any student interested in the Pre-medical Technology Curriculum should understand that fulfilling the requirements of a two-year program calls for careful planning. Moreover, this curriculum is only preparatory for further work in some institution—hospital or university—accredited for training medical technologists. The student, therefore, should place his program not only for the two-year curriculum at Fairmont State College but also for curriculum at a school of medical technology.

To be admitted to the curriculum at this college, the student must be a graduate of an accredited four-year high school and must present a minimum of one unit credit in algebra and one unit in plane geometry as a part of the entrance requirements. The college work shall include credit as follows:

English 12 semesters—6 hours of composition and 6 hours of literature.

French. 12 semester hours.

Biological Science. 8 semester hours in general biology and zoology.

Chemistry. 20 semester hours—8 hours in inorganic, 4 hours in quantitative analysis, and 8 hours in organic.

Physics. 8 semester hours.

Physical Education. 2 semester hours.

Electives. 6 semester hours from English, History, Political Science, Sociology, and Geography.

PRE-NURSING CURRICULUM

There has been a tendency in recent years in nursing education toward the establishment of a requirement of at least two years of college work preparatory to entering a school of nursing. Students in this curriculum are advised to use their elective hours in the direction of a broad, general education.

A suggested program of studies in Fairmont State College follows:

	First Year		Second Year	
Course	Hrs.	Hrs.	Hrs.	Hrs.
English 102, 104	3	3		
Chemistry 101, 102	4	4		
Biology 101, 102	3	3		
Language or elective	3	3	3	3
Physical Education			2	2
Literature			3	3
Psychology 103			3	3
Sociology 201-202			3	3
Electives	3-4	3-4	2-3	2-3

PRE-SOCIAL WORK CURRICULUM

The pre-professional curriculum in Social Work is designed to meet the needs of the students who plan to enter the School of Social Work at West Virginia University, or other approved schools of social work. Professional education for the many positions available for professional social workers is on a graduate basis in all accredited schools of social work. The undergraduate program, which may be obtained completely at Fairmont State College, includes broad and intensive preparation in the social sciences and related fields.

Students who choose this course must satisfy all the requirements prescribed for the Bachelor of Arts. They should elect their major in sociology, or social science and meet the requirements set up for majors in one of those fields. The program for this curriculum should be planned in consultation with the chairman of the Department of Sociology.

TWO-YEAR CURRICULA

Fairmont State College now offers several special curricula each of which require completion of 64 semester hours with a quality point average of 2.0 or better. These curricula are now available in the following areas:

Accountancy
Clerical
General Education
Secretarial

The purpose of these curricula is to provide desirable vocational training for those persons who are unable to complete an entire four-year course without interruption, and for those persons who desire some college training organized with a definite objective in mind to contrast to a more or less random selection of courses. These curricula are organized in such a manner as to be complete within themselves, while, at the same time, they will serve as preparation for the more intensive and richer four-year courses. The quality of the instruction offered will be identical with that in the four-year courses.

Fairmont State College is authorized by the State Board of Education to issue the certificate of Associate in Arts or Associate in Science upon the successful completion of any of these special two-year curricula. The student, of course, may choose not to complete all the requirements of a special curriculum and continue work toward a baccalaureate degree instead. A 2.0 average for all courses attempted and for those in area of specialization is required.

ACCOUNTING CURRICULUM 66 Sem. Hrs.

Required Courses

Bus.	141	Business Mathematics	3
Bus.	201, 202	Principles of Accounting	6
Bus.	301, 302	Advanced Accounting	6
Bus.	306	Business Law	3
Bus.	406, 407	Income Tax, Indiv. & Corporate	6
Econ.	201, 202	Principles and Problems	6
Eng.	102, 104	First Yr. Wr. & Spoken Eng.	6
Sec. St.	101, 102	Begin Typewriting and Intermediate Typewriting, or	
	211	Advanced Typewriting	4
Psy.	103	General Psychology	3
Speech	101	Fundamentals of Speech or	
	107	Speech Improvement	2
Electives			21

SECRETARIAL CURRICULA 64 Sem. Hrs.

TWO YEARS

Required Courses

Bus.	141	Business Mathematics	3
Eng.	102, 104	First Year Wr. & Spkn. Eng.	6

Sec. St.	101, 102	Begin. & Intermediate Typewriting	4
Sec. St.	104	Secretarial Accounting	3
Sec. St.	201, 202	Begin. Shorthand	8
Sec. St.	211	Advanced Typewriting	2
Sec. St.	251	Business Correspondence	2
Sec. St.	301, 302	Adv. Shorthand and Transcript	8
Sec. St.	311	Office Machines	2
Sec. St.	351	Sec. Office Practice	3
Psy.	103	General Psychology	3
Speech	101 or	Fundamentals of Speech	2
	107	Speech Improvement	2
Electives			18

CLERICAL CURRICULA

64 Sem. Hrs.

TWO YEARS

Required Courses

Bus.	102	Principles of Business	3
Bus.	141	Business Mathematics	3
Bus.	201, 202	Principles of Accounting	6
Eng.	102, 104	First Year Wr. & Spkn. Eng.	6
Sec. St.	101, 102	Begin. & Intermediate Typewriting	4
Sec. St.	211	Advanced Typewriting	2
Sec. St.	251	Business Correspondence	2
Sec. St.	311	Office Machines	2
Sec. St.	351	Sec. Office Practice	3
Psy.	103	General Psychology	3
Speech	101 or	Fundamentals of Speech	2
Speech	107	Speech Improvement	2
Electives			28

GENERAL EDUCATION CURRICULUM

First Year

First Semester	Sem. Hrs.	Second Semester	Sem. Hrs.
Eng. 102, First Year Written and Spoken English	3	Eng. 104, First Year Written and Spoken English	3
Biol. 101, Intro. to Biol. or Phy. Sci. 201, Gen. Phy. Sci.	3	Biol. 102, Intro. to Biol. or Phy. Sci. 202, Gen. Phy. Sci.	3
Hist. 111, Development of Soc. Inst.	3	Hist. 112, Development of Soc. Inst.	3
Speech 101, Fund. of Speech	2	Phil. 200, Intro. to Phil.	3
P.E. 101, or 115 Fr. Orient.	1	P.E. 111, or 116 Fr. Orient.	1
Electives	4-5	Electives	3-4
	16-17		16-17

Second Year

First Semester	Sem. Hrs.	Second Semester	Sem. Hrs.
Eng. 202, St. & App. of Eng. Lit.	3	Eng. 204, St. & App. American Lit.	3
Soc. 201, Fund. Soc. Probs.	3	Soc. 202, Fund. Soc. Probs.	3
Psy. 103, General Psychology	3	Music 205, Music in Hum. Rel.	2
Art. 255, Hist. & App. of Art	2	Electives	8-9
Electives	5-6		16-17
	16-17		

COURSES OF INSTRUCTION

Nearly one-half of students are in Elementary and Secondary teaching field.

Key to Abbreviations

Hrs.—Number of credit hours per course.
PR—Prerequisite.

The Plan for Number Courses

Courses 100 to 199—Courses intended primarily for freshmen.
Courses 200 to 299—Courses intended primarily for sophomores.
Courses 300 to 399—Courses intended primarily for juniors.
Courses 400 to 499—Courses intended primarily for seniors.

Schedules

Before the opening of each semester, a schedule is printed announcing the courses to be offered in that semester. Preliminary and final registration is made from this schedule. A complete schedule of all courses offered in the Summer session is printed in the Summer Session Bulletin.

ART

Miss Rhodes, Mr. Williams

140. **Art Structure and Applied Design** Three hours.

A basic course in the principles of design applicable to various media and techniques.

141. **Art Structure and Applied Design** Three hours.

Continuation of Art 140.

142. **Drawing** Two hours.

The development of technical skills in the use of various drawing media with a continuation of problems of composition.

241. **Drawing from Life** Two hours

Drawing from the posed model accompanied by analytical studies of anatomy.

242. **Drawing and Painting from Life.** Three hours.

Continuation of Art 241.

255. **History and Appreciation of Art.** Two hours.

Emphasis upon art in contemporary living. Considers the social, political, and economic impact upon historical backgrounds and modern developments in various art fields.

261. **Painting in Oil.** Three hours.

A course designed for those who have had no previous work in painting in oil. PR: Art 142.

262. **Painting in Oil.** Three hours.

Continuation of 261.

278. **Ancient and Medieval Art.** Three hours.

History of Art from Prehistoric times to 1400 A.D. An analysis of the philosophical, religious, and political beliefs and conditions that produced various artistic expressions. PR: Art 255.

283. **Modeling and Sculpture.** Two hours.

Introductory course using clay modeling, plaster, and metal sculpture.

284. **Modeling and Sculpture.** Two-three hours.

Continuation of Art 283.

341. **Lithography.** Two hours.

A study of the methods of reproducing drawings by using the grease crayon on stone and printing from it with the offset press.

353. **Creative Expression in the Fine Arts.** Two hours.

Art related to the general educational program of the elementary school. Experience in drawing, painting, poster, and design using various media suitable for children.

354. **Creative Expression in the Applied Arts.** Two hours.

Crafts related to the general education program. Experience in working with clay, paper, wire, puppets, etc.

355. **Applied Problems for High School Teachers.** Two hours.

Planning and application of problems for high schools. Coordinated with the Education Department and the public schools. Designed for students who are practice teaching or for teachers in service.

361. **Painting in Oil.** Two-three hours.

Still life, landscape, and figure painting in oil.

362. **Painting in Oil.** Two-three hours.

Continuation of Art 361.

363. **Painting in Watercolor.** Two-three hours.
Composition and techniques of painting in watercolor. PR: 142.

364. **Painting in Watercolor.** Two-three hours.
Continuation of 363.

377. **Italian and Northern Renaissance Art** Three hours.
History of painting, sculpture, architecture, and the minor arts in Italy, the Netherlands, Germany, Spain, France, and England from circa 1400 A.D. to the 19th century.

378. **Nineteenth Century and Contemporary Art.** Three hours.
History of art from the 19th century to the present with an analysis of art movements.

383. **Ceramics.** Two-Three hours.
Ceramic design and techniques, such as slab, coil, wheel, etc. for beginners.

384. **Ceramics** Two-three hours.
Continuation of 383.

461. **Advanced Painting in Oil.** Two-three hours.

462. **Advanced Painting in Oil.** Two-three hours.
Continuation of 461.

463. **Painting in Any Medium.** Two-three hours.
The student is permitted to select the medium and then experimentally exploit all the technical and creative possibilities that it permits.

491. **Interior Design.** Three hours.
Problems of designing and furnishing the home. Considers traditional backgrounds and contemporary development.

BIOLOGICAL SCIENCE

Mr. Davisson, Mr. Creasy, Mr. Hunt, Mrs. Quintrell, and Staff

BIOLOGY

101. **Introduction to Biology.** Three hours.
This course and the one following constitute a year's study of the biological principles governing living things with particular emphasis on their human implications. The approach of this course was designed especially for teachers in elementary and secondary schools by a state committee of college teachers of biology. Staff.

102. **Introduction to Biology.** Three hours.
Continuation of 101. Staff.

201. **General Botany.** Four hours.
Two lectures and two two-hour laboratories each week. The first part of the semester is given to the study of the structure and functioning of the seed plant. The second part includes a survey of both lower and higher forms of plants with emphasis on reproductive structures. Basic to all other botany courses. Mr. Creasy.

220. **Invertebrate Zoology.** Four hours.

Facts and principals fundamental to an understanding of the invertebrate animals. This course is designed for majors in zoology or biology and premedical students. Mr. Davisson.

221. **Vertebrate Zoology.** Four hours.

A continuation of Zoology 220. Mr. Davisson.

224. **Microbiology.** Three hours.

Two lectures and one two-hour laboratory each week. The technique of isolating, and identifying bacteria is considered. Attention is given to the several types of disease-producing microorganisms and methods of control. This is a general course designed to give the student an understanding of the importance of microorganisms in the life of man. Mr. Creasy.

242. **Bio-Ecology.** Two hours.

A study of the relationship of living things to their environment. PR: Biol. 101-102, or equivalent. Mr. Creasy.

284. **Bio-Photography.** Two hours.

A course designed to familiarize students with the fundamentals of photography and its many applications in the field of science. Some attention is given to photomicrography. Open to students that have an interest in both photography and biology. Mr. Creasy.

315. **Field Zoology.** Three hours.

Primarily for those who teach or intend to teach biology. This course aims to familiarize students with the animal life of the State in its natural surroundings and includes the collection, identification, and study of habits of the various forms found in this region. PR: Biol. 101-102, or equivalent. Mr. Davisson.

322. **Ornithology.** Two hours.

Field and laboratory studies on the structure, identification, migration, protection, nesting, and food habits of birds. Mr. Davisson.

330. **Field Botany.** Three hours.

One lecture and two two-hour laboratories each week. Designed for those who plan to teach. The various groups of plants are considered in the field and laboratory with emphasis on the seed plants. Some attention is given to ecology. Mr. Creasy.

340. **The Plant Kingdom.** Three hours.

Two lectures and two two-hour laboratories each week. Deals with the structural characteristics of the great plant groups through the bryophytes. Their organization, development, and reproductive structures are considered in detail. Teaching materials are compiled, techniques developed, and there are field trips on occasion. Mr. Creasy.

341. **The Plant Kingdom.** Three hours.

Two lectures and two two-hour laboratories each week. Continuation of Morphology 340 but may be taken as an independent unit. This course covers the vascular plants including the ferns, gymnosperms, and angio-sperms. Mr. Creasy.

342. **Plant Ecology.** Two hours.

Two one-hour lectures each week. This study of structural adaptations of plants for survival in their physical or biological environments. Plant geography is considered. Fields trips on occasion. Mr. Creasy.

350. **Comparative Anatomy of Vertebrates.** Four hours.

Organ systems of various vertebrates and facts of interest concerning these animals. Mr. Hunt.

361. **Plant Histology.** Two to four hours.

Lectures and practical instructions in the preparation of permanent as well as temporary slides of microscopic observation of plant tissues. Various methods of killing, sectioning, and staining are learned. Prerequisite Botany 201. Mr. Creasy.

371. **Plant Anatomy.** Three hours.

Two lectures and one two-hour laboratory each week. Studies of the fundamental tissue organization of the higher plants. Development and differentation of cell types and structures as related to functions are considered. Prerequisite Botany 201.

380. **Introduction to Genetics.** Three hours.

Elementary studies of the principles of heredity. PR: Biol 101-102, or equivalent. Mr. Hunt.

390. **The Biology of Endocrines.** Three hours.

A study of the structure and function of the endocrine glands of animals and man, their products and interactions. A survey of natural and synthetic plant hormones is also included. Mrs. Quintrell.

410. **Histological Technique** One-four hours.

The preparation and microscopic study of animal tissue. PR: Biol. 221 or 350. Mrs. Quintrell.

411. **Histology.**

An introduction to the cells, tissues, and organs of mammals. PR: 221 or 350.

415. **Problems in Biological Sciences.** One-four hours.

This course is designed for students who have a specific problem in the field of Biology. Open only to students of superior ability who have at least 20 hours credit in the field of biology. Staff.

420. **Vertebrate Embryology.** Four hours.

Introductory study of the developments of the vertebrates, dealing chiefly with the frog, chick, and mammal. Mrs. Quintrell.

425. **Neurobiology.** Two hours.

An introduction to the structures and functions of the mammalian nervous system. PR: Biol. 350 or 450. Mrs. Quintrell.

450. **Human Physiology.** Four hours.

An introductory course dealing with the functions of man. Mrs. Quintrell.

451. **Plant Physiology.** Four hours.

Two lectures and two two-hour laboratories each week. All of the physiological process of plants are considered; ascent of sap, transpiration, food synthesis, respiration, translocation, and growth and development. Prerequisite Botany 201 or its equivalent. Mr. Creasy.

460. **Biological Colloquium.** One hour.

A seminar for biology majors. Staff.

480. **Principles of Evolution.** Two hours.

An introduction to the study of evolution. PR: 101-102, or equivalent. Mr. Davisson.

BOTANY

(See Biology)

BUSINESS ADMINISTRATION

Mr. Jaynes, Mr. Dunn, Mr. Sansalone, Mrs. Pinto, Mr. Potesta.

102. **Introduction to Business.** Three hours.

A survey of the various fields of business designed to acquaint the student with the basic principles, practices, and employment opportunities of each field. The student is provided, early in his college training, with the information of, and preparation for, the advanced courses in business to aid in choosing his major studies. Mr. Dunn.

141. **Business Mathematics.** Three hours.

This course is designed to provide knowledge and skill in the computation of the practical problems of a business. The course content should form a sound basis for further study in the following area: accounting, investments, business finance, money and banking, insurance, and related business subjects. Special emphasis will be directed to review of the basic arithmetic skills. The course is designed to meet the requirements for mathematics for students in business administration. Staff.

201. **Principles of Accounting.** Three hours.

Fundamental bookkeeping procedures. Organization of accounts, journalizing and posting, expense and revenue accounts, adjustments and closing procedures, and the preparation of financial and operating statements for individual proprietorships. Mr. Potesta.

202. **Principles of Accounting.** Three hours.

Continuation of 201, introducing accounting concepts applicable to partnerships and corporations, including manufacturing concerns. Mr. Potesta.

203. **Accounting for Small Business.** Three hours.

A basic course designed to acquaint business men and industrial personnel with the fundamental bookkeeping and accounting practices. Attention will be directed to the reading and interpretation of financial statements and ledgers to facilitate business management and control. The Staff.

205. **Salesmanship.** Three hours.

A study of techniques appropriate to personal selling, both retail and contact. Students are given opportunities to construct and give sales presentations. Staff.

300. **Principles of Retailing.** Three hours.

A study of the history, financing, organization, operation, and trends of the modern retail store. With the use of individual and committee projects, students will construct complete plans for a model retail store. Mr. Dunn.

301. **Advanced Accounting.** Three hours.

Interpretation and use of accounting data. Accounting theories applicable to the evaluation of assets and determination of liabilities and net work. PR: Bus. 201, 202. Mr. Potesta.

302. **Advanced Accounting.** Three hours.

Continuation of 301. Accounting for partnerships, installment sales, consignment sales, branch accounting, consolidated statements, and estates and trusts. PR: Bus. 301. Mr. Potesta.

304. **Marketing.** Three hours.

A study of those business activities necessary to effect transfers in ownership of goods and to provide for their physical distribution. PR: Econ. 201, 202 or consent of instructor. Staff.

306. **Business Law.** Three hours.

Introduction to study of our legal system, courts and procedure, fundamentals of the law of contracts, agency and negotiable instruments. Mr. Potesta.

307. **Business Law.** Three hours.

Continuation of 306. Fundamentals of the law of sales, partnerships, corporations, and the legal basis of property as applied to business situations. Bus. 307 will not satisfy 3 hour requirement in the teaching field of Commerce-Business Principles. Mr. Potesta.

308. **Personnel Management.** Three hours.

A study of the field of personnel management and industrial relations including its background, development, job analysis, description and classification, selection, training, wage plans, collective bargaining, personnel records, and research. Mr. Jaynes.

309. **Industrial Organization and Management.** Three hours.

A study of the problems of the organization and management of an industrial plant, including the selection of plant location, factory buildings, plant layout, power, heat, light, purchasing, etc. Mr. Jaynes.

310. **Statistics. (offered in alternate years)** Three hours.

The course includes computation of statistical measurements, methods of collecting and analyzing data, and the interpreting of results. Mr. Jaynes.

312. **General Insurance.** Three hours.

A course designed to acquaint the student with the various types of insurance, both personal and business, to better prepare him to make his own insurance plans as well as to inform him concerning the many types of insurable risks. Mr. Jaynes.

314. **Office Management.** Two hours.

The study of office management principles, analysis of office procedures, filing, transcribing, correspondence, reports, business machines and forms. The application of personnel management techniques to office management; office organization, office layouts. Staff.

320. **Principles of Advertising.** Three hours.

A survey course of the social, psychological, and some technical aspects of advertising. For Business and Journalism students. Mr. Cole.

404. **Cost Accounting.** Three hours.

Elements and methods of cost finding. Methods of collecing and recording the cost of material, labor and burden in factory production. Introduction to concepts of job order, process cost, and standard cost accounting. Mr. Potesta.

405. **Auditing.** Three hours.

Duties and responsibilities of auditors, methods of verification of balance sheet and profit and loss accounts, preparation of working papers, schedules, audit reports, and certificates. PR: Bus. 201, 202, 301, 302, 404. Mr. Potesta.

406. **Federal Income Tax Accounting: Individual.** Three hours.

Preparation of income tax returns from the accounts of an individual; exclusions and inclusions for gross income, capital gains and losses, business expenses and other deductions. Staff.

407. **Federal Income Tax Accounting: Partnership and Corporation.** Two-three hours.

Continuation of 406, including preparation of income tax returns from accounts of partnerships, estates and trusts, and corporation. PR: Bus. 406. While previous accounting knowledge or experience will be helpful, no prior accounting training, knowledge, or experience is required. Staff.

410. **Investments.** Three hours.

A study of the principles of investment procedures and practices to follow in investing money. Included in the course are the following: methods of statistical analysis; types of investment securities; sources of information; municipals; governments; investment trusts; the stock market, etc. Mr. Jaynes.

416. **Sales Management. (offered in alternate year)** Three hours.

A study of controlling the activities of salesmen and the management of sales promotion; advertising and research. Attention will be given to the selection of sound sales objectives, determination of general marketing policies, analysis of selling functions, and the development of a sales staff with good moral cooperation, and discipline. PR: Bus. 205 or consent of instructor. Mr. Dunn.

417. **Credits and Collections. (offered in alternate years)** Three hours.

A study of consumer credit management, mercantile credit management, and technical and legal aspects of collection, and credit and collection control. PR: Bus. 304 recommended but not required. Mr. Cole.

CHEMISTRY

Mr. Haught, Mrs. Swiger, and Staff

101. **General Chemistry.** Four hours.

The beginning course in college chemistry; has no prerequisities. Offered only in the fall semester and first term of the summer session.

102. **General Chemistry.** Four hours.

The second half of the first year of beginning college chemistry. Offered only in the spring semester and the second term of the summer session. PR: Chem. 101.

201. **Qualitative Analysis.** Four hours.

Required of all students who major in chemistry. PR: Chem. 102.

240. **Quantitative Analysis.** Four hours.

Gravimetric analysis. Required of all students who major in chemistry. PR: Chem. 102.

241. **Quantitative Analysis.** Four hours.

Volumetric analysis. Required of all majors in chemistry. PR: Chem. 102.

301. **Organic Chemistry.** Four hours.

A study of the aliphatic hydrocarbons and their derivations. Required for chemistry majors, predental and premedical students. Recommended for students preparing to teach high school science.

302. **Organic Chemistry.** Four hours.

A study of the aromatic hydrocarbons and their derivations. PR: Chem. 301.

401. **Special Problems.** Two hours.

PR: Consent of Instructor.

402. **Special Problems.** Two hours.

PR: Consent of Instructor.

405. **Physical Chemistry.** Four hours.

PR: Chem. 240-241; Math. 321; Physics 102.

406. **Physical Chemistry.** Four hours.

PR: Chem. 405; Math. 331.

ECONOMICS

Mr. Jaynes, Mr. Cole, Mr. Dunn, Mr. Potesta

101. **American Business and Industry.** Three hours.

A study of the principal American industries with emphasis on their contributions and place in the American economy. A text covering the development of some of the principal industries of America is assigned reading. Each student is given the opportunity of viewing a number of films picturing present day industrial processes. Mr. Dunn.

201. **Economic Principles and Problems.** Three hours.

Fundamental economic concepts with exercise in solving elementary problems. National income and the employment of resources. (This course should be selected by economics and business majors or by non-majors who need at least 6 hours of economics and who will continue with Economics 202). Staff.

202. **Economic Principles and Problems.** Three hours.

Distribution of economic factors of production. Management and control of economic resources. Government finances. International economics. Personal distribution and use of income. Types of economic systems. As in the first semester, those topics will be supplemented with exercises in the solution of elementary problems. PR: Econ. 201. Staff.

302. **Economics of Labor.** Three hours.

Labor economic theory. Wage theory. Labor unions. Union organizations and tactics. Union weapons. Employer weapons and tactics. Strikes. Labor and social legislation. Labor history. Government and labor. Mr. Jaynes.

303. **Money, Credit, and Banking.** Three hours.

An intensive study of money and credit principles with an analysis of their effects upon prices. History of banking. Banking principles and practices. PR: Econ. 201. Mr. Jaynes.

305. **Economic Principles.** Three hours.

This course is planned for those students who possess only a general interest in the field of economics. It deals with basic facts, concepts, and relationships necessary to understand our economy. (This course should be selected by those students who need only 3 hours of economics. If at least 6 hours are needed, the student must select Econ. 201 and 202. This course is NOT a substitute for either of them. This course should not be selected by economics and business majors). Staff.

307. **Personal Finance.** Three hours.

A study of the problems a consumer must face in his or her day-to-day buying and living. It includes a brief survey of budgets, life insurance, investments, managing personal finances, buying services, and other problems of the consumer. Primarily intended as a general education course for non-majors. Mr. Jaynes.

406. **Guided Economy Study.** One-three hours.

Intensive reading, research, and study in current literature and documents in regard to a selected economic problem or group of problems. The field of study will be one in which the student has a special interest. All work will be done individually and the class will be conducted by conferences with each student. PR: 18 hours of Economics, Business, and Social Science courses. Staff.

407. **Advanced Economic Problems.** Two hours.

A course especially designed for seniors who are to graduate in the year in which the course is taken. Its purpose is to give the student a final review of the basic principles as applied to present day economic problems. Staff.

EDUCATION

Mr. Frye, Miss Marple, Mr. Taylor, Mrs. Willard, Mr. Wilmoth

100. **Introduction to Education.** Two hours.

This is primarily an orientation course for college freshmen who are considering the field of teacher education as an area of specialization. It is a prerequisite for Ed. 202. Not open to students who have credit in six hours or more of professional education.

202. **Human Growth and Development.** Three hours.

The aim of this course is to develop an interest in and an understanding of the child as a developing personality. Laboratory and field work are required. PR: Ed. 100.

203. **Human Growth and Development.** Three hours.

This course emphasizes learning as a means of growth and development. Laboratory and field work are required. PR: Ed. 202.

226. **Primary Methods.** Three hours.

This course includes three semester hours of primary methods covering grades 1-3. It is designed to provide for the needs of students preparing for the Third-Class Elementary Certificate and for Curricula B and C certification. PR: Ed. 202, 203.

250. **Observation and Directed Teaching: Third Class Elementary Certificate.** Three hours.

Students teaching must be on two levels; primary, and intermediate or upper grade level. PR: Ed. 202, 203, 226.

306. **Test and Measurements in the Public Schools.** Two hours.

The purposes of this course are to acquaint the prospective teacher with the principles of measurement and evaluation, and to give definite instruction and practice in test construction and use. PR: Ed. 202, 203.

336. **Intermediate and Upper Grade Methods.** Three hours.

This course is designed for students working toward a First or Second Class Elementary Certificate. It deals with methods in grades four through eight.

341. **Methods for Teaching Reading in the Secondary School.** Two hours.

This course is specially designed to teach the fundamental principles of reading in three areas: (A) Development, (B) Functional, (C) Recreational.

395. **Survey of Guidance.** Three hours.

Principles of educational, vocational, and personal guidance are examined. Guidance techniques are studied. PR: Ed. 202, 203.

420. **Observation and Directed Teaching: Curriculum B.** Two-seven hours.

Student teaching must be on two levels. PR: Ed. 202, 203, 226, 336, and consent of the instructor.

424. **Audio-Visual Aids. II.** Three hours.

Techniques of effective use of graphic materials, unprojected pictures, objects, specimens, models, field journey, projected pictures, and audio aids. Required laboratory work includes operation of sound motion picture projectors, slide film, and opaque projectors, and phono-transcription audio equipment.

431. **Materials and Methods.** Two hours.

A course in special methods. Chairmen of departments of subject matter fields requiring unique and special methods may offer this course in cooperation with the Department of Education after securing approval. PR: 202, 203, 432.

432. **Principles and Methods of Teaching in the Secondary School.** Four hours.
A survey of the basic principles of learning and of the techniques of teaching in the secondary school. Observation in the public junior and senior high schools is required. PR: Ed. 202, 203, and consent of the instructor.

450. **Observation and Directed Teaching: Curricula A.** Six-seven hours.
Observation and student teaching are required in two areas of concentration or teaching fields. PR: 432.

ENGLISH

Mr.Weihe, Miss Tate, Mrs. McCarty, Mr. Opp, Mr. Rhodes
Miss Music, Mr. House, Miss Copeland, Miss Lough, Mr. Ryals

102. **First Year Written and Spoken English.** Three hours.
College-level training in writing and speaking good English, including a short review of grammar, sentence structure, and punctuation; attention to the organization and development of thought, both in student compositions and in expository reading material; guidance in the use of reference books.
Staff.

104. **First Year Written and Spoken English.** Three hours.
A continuation of English 102, with emphasis on reading for implication and critical evaluation; further writing projects, including a research paper.
Staff.

English 102 and 104 are prerequisites for all English courses numbered 200 or above.

207. **Backgrounds of Literature.** Three hours.
A survey of literature desirable for children; development of principles of selection and standards of evaluation; wide acquaintance with current books.
Miss Tate.

208. **Advanced Written English.** Three hours.
Practice in writing in which attention to rhetorical principles is a guiding emphasis. PR: English 102, 104. Staff.

251. **Survey of English Literature.** Three hours.
A study of the mind and temper of the English people as seen in their literature from Beowulf to the Romantic Movement.
Mrs. McCarty, Mr. Opp.

252. **Survey of English Literature.** Three hours.
A continuation of Eng. 251 through the nineteenth and early twentieth centuries. Mrs. McCarty, Mr. Opp.

261. **Survey of American Literature.** Three hours.
An historical study of the American mind as expressed in literature from Colonial times to Hawthorne. Mr. Weihe, Miss Tate.

262. **Survey of American Literature.** Three hours.
A continuation of Eng. 261 to the literature of present time.
Mr. Weihe, Miss Tate.

302. **Narrative and Descriptive Writing.** Two hours.

Practice in writing the simpler forms of fiction and personal narrative with descriptive detail.

306. **Advanced Technical Composition.** Three hours.

A course designed to provide practice in the writing of expository articles and reports of a technical nature and largely in the field of engineering. PR: 102, 104. Mr. Rhodes.

311. **Poets of the Romantic Period.** Three hours.

A concentrated study of representative poems of Burns, Wordsworth, Coleridge, Byron, Shelley, and Keats. Mr. Rhodes.

312. **Poets of the Victorian Period.** Three hours.

A concentrated study of representative poems of Tennyson, Browing, Rossetti, Arnold and Swinbourne. Mr. Rhodes.

313. **Shakespeare.** Two hours.

A study of representative comedies. Mr. Rhodes.

314. **Shakespeare.** Two hours.

A study of representative tragedies. Mr. Rhodes.

315. **The Essay.** Three hours.

Critical readings in representative English and American essayists. Miss Tate, Mr. Opp.

317. **Word Study.** Two hours.

A course in the study of the origins and development of the English vocabulary. Mr. Weihe.

317. **Word Study—A continuation of English 317.** Two hours.

Studies in semantics, in synonyms, idioms, foreign phrases, vocabularies of the fields of action. Mr. Weihe.

318. **Modern Drama.** Two hours.

The history of the British drama and the study of modern dramas—Continental, British, and American—from Isben to the present time. Miss Tate.

321. **A Study of the English Language.** Three hours.

Word history and analysis; diction; descriptive grammar and constructions; fundamentals of composition. PR: English 102, 104. Required of all prospective teachers of English. Miss Tate.

322. **The Modern Short Story.** Two hours.

A critical study of this art form as a representation of dramatic motivation in human experience, based upon the work of British, Continental, and American authors. Mr. Weihe, Mr. Opp.

324. **The Modern Novel.** Three hours.

An historical and critical study of great British and American novels of the nineteenth century. Mr. Opp.

325. **The Modern Novel.** Three hours.

An historical and critical study of great British and American novels of the twentieth century. Mr. Opp.

328. **The Current Scene in Literature.** Two hours.

A course showing present-day attitudes as reflected in the work of American and foreign writers. Mr. Weihe.

329. **The Current Scene in Literature.** Two hours.

A continuation of the preceding. Mr. Weihe.

330. **The Old Testament as Literature.** Three hours.

A study of the literary types and content of the Old Testament. Mr. Rhodes.

331. **The New Testament in Literature.** Three hours.

A study of the literary types and content of the New Testament. Mr. Rhodes.

341. **Survey of World Literature.** Three hours.

A study in translation of some of the great writers of the world, exclusive of English and American; from Homer through Dante. PR: English 102, 104. Mr. Weihe.

342. **Survey of World Literature.** Three hours.

A continuation of 341 covering the period from the Renaissance to modern times. PR: English 102, 104. Mr. Weihe.

413. **Expository Writing.** Two hours.

Study and practice of the various kinds of expository writing with special emphasis upon the skilled production of research papers. Mr. Rhodes, Miss Tate, Mr. Weihe.

FRENCH

(See Languages—Modern Foreign)

GEOGRAPHY

Mr. Naegele

101. **Principles of Geography.** Two hours.

This course is a general introduction to the study of geography. It is intended to acquaint the student with geographical terminology and methods and provide a general treatment of the elements of geography. Staff.

210. **World Regional Geography.** Three hours.

An introductory course in geography with major attention to the principles and concepts of the subject and a detailed study of the geographical regions of the world. Staff.

305. **World Political Geography.** Three hours.

An introduction to the field and methods of political geography and the application of these methods in an analysis of the power relationships of modern states. Staff.

GEOLOGY

Mr. Naegele

201. **Physical Geology.** Three hours.

This course is given to a description of the composition and structure of the earth and the physical processes bringing about changes of the surface of the earth.

302. **Historical Geology.** Three hours.

The geologic history of the earth and the evolution of animal and plant life as revealed by the rocks.

GERMAN

(See Languages—modern Foreign)

Health

Staff

102. **Personal Health.** Two hours.

This course consists of a study of the individual health of the student. Mr. Wilson.

241. **First Aid and Safety Education.** Two hours.

Study of immediate, temporary treatment in cases of accident or sudden illness prior to medical aid. Mr. Duvall.

302. **Community Health.** Two hours.

A study of community health problems with especial attention given to those calling for the cooperative action of the general public and the health services. Miss Walters.

306. **Marital Relations.** Two hours.

Problems of the individual with relation to marriage, personality, parenthood, sex, counseling and the teaching of marital relations. Mr. Wilson.

308. **School Health Problems.** Two hours.

Survey of school programs, school health services and interrelationships. Miss Walters.

404. **Physical Inspection and Care of Athletic Injuries.** Two hours.

Physical inspection and correction of remedial defects, and care of athletic injuries. Mr. Davis.

HISTORY

Mr. Smith, Miss Ayers, Mr. Turner, Mr. Willertz

111. **Development of Social Institutions.** Three hours.

A survey of the history of man—his governmental, economic, social, religious, intellectual, and esthetic activities in Europe, Asia, Africa, and in the Americas—from the earliest times to the beginning of the modern era. Staff.

112. **Development of Social Institutions.** Three hours.

A survey of the history of man—his governmental, economic, social, religious, intellectual, and esthetic activities in Europe, Asia, Africa, and in the Americas—from the beginning of the modern era to the present time. Staff.

205. **Contemporary Affairs.** Two hours.

A study of the contemporary political, economic, social, and intellectual affairs in the United States and their relationship to important developments elsewhere in the world. Staff.

207. **The United States to 1865.** Three hours.

A survey course in United States history from the Age of Discoveries to the end of the Civil War. Staff.

208. **The United States Since 1865.** Three hours.

A survey course in United States history from the end of the Civil War to the present time. Staff.

221. **Modern Europe from the Renaissance to the Congress of Vienna.** Three hours.

This course offers a survey of the political, social, and cultural developments within the limits indicated by the title. Staff.

222. **Modern Europe Since 1815.** Three hours.

An integrated study of political, economic, social, and ideological situations and movements which have resulted in the contemporary challenge to world order. Staff.

302. **History of West Virginia.** Three hours.

A study of West Virginia from the first settlements to the present time. Mr. Smith.

304. **The United States and Latin America.** Two or three hours.

A study of the interrelation of the United States with the states of Latin America from the discovery of America to the present. Staff.

305. **History of Latin America.** Three hours.

A survey of the history of Latin America from the Spanish Conquest to the present. Staff.

307. **England to the Glorious Revolution.** Three hours.

A survey of English history from Celtic times to the Glorious Revolution in 1688. Staff.

308. **England Since the Glorious Revolution.** Three hours.

A survey of English domestic and imperial history from 1688 to the present. Staff.

312. **Diplomatic History of the United States.** Three hours.

A study of the foreign relations of the United States and the development of basic American foreign policies from the colonial period to the present. Mr. Smith.

315. **Colonial America.** Two hours.

An intensive study of the American colonies from their beginnings to the end of the Revolutionary War. Staff.

316. **Jeffersonian and Jacksonian Democracy.** Two hours.

A study in the development of political, legal, and economic ideals during the period 1783-1840 with particular emphasis on the Federal Constitution and its elaboration at the hands of the Supreme Court. Staff.

317. **The American Civil War.** Three hours.

A study of the causes, conduct and results of the American Civil War. Staff.

318. **The Westward Movement.** Three hours

A study of the American frontier and of its westward migration. Staff.

320. **American Economic History.** Three hours.

A survey of the economic development of the United States from the colonial period to the present. Mr. Turner.

340. **Europe from 1870 to 1919.** Three hours.

A study of the development of the European nations and their participation in world affairs from 1870 to 1919. PR: 112 or equivalent. Miss Ayers.

341. **Europe from 1919 to the Present.** Three hours.

A study of the development of the European nations and their participation in world affairs from 1919 to the present. PR: 112 or equivalent. Miss Ayers.

360. **History of Western Thought.** Three hours.

A study of the principal thinkers and schools of thought in the development of the western intellectual tradition from Greek and Roman beginnings to the present time. Particular emphasis is placed on the interaction of intellectual movements with the general historical developments of each period. Staff.

401. **Reconstruction and National Development.** Three hours.

A detailed study of the Reconstruction period and of the national development of the United States during the period 1865-1898. Staff.

402. **Contemporary Europe.** Three hours.

A study of international conflict in the twentieth century, the attempt to establish a basis for world order, and the revolt against European colonialism. PR: Hist. 112 or equivalent. Staff.

410. **United States Since the First World War.** Three hours.

An intensive study of the history of the United States from the First World War to the present with emphasis on the participation of the United States in world affairs. Mr. Turner.

421. **History of Russia.** Three hours.

This course briefly traces Russian national development from its origins to the time of Peter the Great; Czarist absolutism during the 18th and 19th centuries is treated in greater detail. About one-half of the class time is given to the study of the communist state and to Russia's contemporary international relationships. Miss Ayers.

422. **History of the Far East.** Three hours.

A brief survey of the cultural development of China, Japan and Korea to 1800, and a more detailed analysis of the impact of the West upon these areas from 1800 to the present. Miss Ayers.

423. **History of Southeast Asia.** Two hours.

A survey of Southeast Asia with primary emphasis on India and Pakistan as a culture center. Major topics include: Western colonialism, movements of nationalism, problems of independence, and international relations. Miss Ayers.

460A. **Guided Historical Study.** One-two hours.

A supervised reading program in the field of American history designed to acquaint the student with the major writings in the field. Staff.

460B. **Guided Historical Study.** One-two hours.

Intensive reading on a topic or problem of European history selected upon consultation with the instructor. PR: Consent of the instructor. Staff.

462. **Methods of Research and Bibliography.** Three hours.

An introduction of the materials and methods of historical research. Staff.

HOME ECONOMICS

Miss Hall, Mrs. Hess

*Courses open to all students

**Courses open to all women

101. **Principles of Clothing Construction. Two hours.

Basic construction processes used in simple garments for sports, school, and street wear. Problems are adapted to previous experience. Miss Hall.

102. **Advanced Clothing Construction. Three hours.

The use of detailed and tailored finishes and problems of fitting and management in the construction of suits and varied types of clothing. Miss Hall.

*103. **Principles of Clothing Selection.** Two hours.

An analysis of family and individual needs in planning the wardrobe and selecting clothing from the standpoint of economy, becomingness, use and maintenance. Miss Hall.

*110. **Elementary Nutrition.** Two hours.

Essentials of an adequate diet; application with particular reference to needs of college student. There will be some laboratory demonstration work in this course. Mrs. Hess.

*201 **Principles of Food Selection and Preparation.** Three hours.

Application of recent theories of food preparation and preservation as they affect the nutritive value, flavor, and appearance of food. Foods prepared are incorporated into family meals. Mrs. Hess.

*202. **Advanced Foods.** Three hours.

Continuation of Home Economics 201; meal services with emphasis on planning, preparing and serving family meals, that will teach management of time, energy, and money. Mrs. Hess.

*210. **Textiles.** Three hours.

Development of an understanding of the effect of fiber content, construction, and finish on the quality, serviceability, care, and cost of clothing and household fabrics. Miss Hall.

230. **Handicrafts. Two-three hours.

Practical leisure activities for constructing useful and beautiful objects. Helpful to playground or camp workers. Techniques in weaving on large and small looms, basketry, stenciling, stitchery, etc. Miss Hall.

303. **Nutrition.** Three hours.

The six food nutrients—characteristics and functions in the normal diet of adults and children. Nutritive value of raw and cooked foods. Calculation of dietaries and preparation of exhibits. PR: H. E. 201, 202. Open to non-majors by consent of instructor. Mrs. Hess.

*305. **Nutrition in the Public Schools.** Three hours.

Essential nutrition information for the teacher in the public school. Materials and methods of presenting nutrition facts to children. The federal school lunch program as an integral part of the school program. Recommended for "B" curriculum. Mrs. Hess.

310. **Family Life Education. Two hours.

Study of family experiences and cultural environment influencing personality development. Interaction of family members through all phases of family living. Evolution of the family from institution to companionship family. Mrs. Hess.

*312. **Consumer Education.** Three hours.

To learn the art of selecting consumable goods and the factors affecting the selection—such as labeling, advertising, credit, insurance, and contracts; source material provides consumer information; the consumer movement and legislation for consumers. Mrs. Hess.

315. **Home Management.** Three hours.

A study of the management of family resources; human, financial, material, and mechanical. Practical management problems used. One third time is used for selection, performance, and care of house equipment.
Miss Hall, Mrs. Hess.

*320. **Home Planning and Furnishing.** Four hours.

Designed to help the family use its resources advantageously in the selection of housing. Development of discrimination in the selection and arrangement of furnishings. Opportunities for experience in using color, texture, pattern in practical problems. Miss Hall.

*330. **Child Care and Development.** Two hours.

The training of the child from pre-natal period through the pre-school period. Habit training and development of the child—physical, social, emotional, and spiritual training—are included. Mrs. Hess.

340. **Quantity Cookery.** Three hours.

Application and principles of selection and cookery to large quantity preparation. Menu making, food standards, food cost, and food service are stressed. Operations and use of equipment practiced. Laboratory in college food service. PR: H. E. C. 303. Mrs. Hess.

351. **Applied Design. Two hours.

The development of simple designs, color combinations, and texture combinations in relation to accessories for home and clothing. Articles—table linens, aprons, bags, rugs, etc. Miss Hall.

402. **Tailoring (Formerly Advanced Dressmaking).** Three hours.

The construction of a dress, suit, and accessories with emphasis on selection of fabric, fitting, and tailored details. Designed for evening students. Consult instructor for prerequisities. Miss Hall.

403. **Costume Design.** Two hours.

Gives an apportunity for the girl to express creativeness by draping, drafting, and pattern adaptation of garments suitable to her figure. Attention is given to fitting. Prerequisites 101, 102, or consent of instructor. Miss Hall.

406. **Home Economic Techniques.** Two hours.

Required for teachers. The philosophy and goals of home economics, the organization of teaching materials; experience in techniques of planning, discussion, demonstration, display, evaluation. Miss Hall, Mrs. Hess.

410. **Advanced Textiles.** Three hours.

Fabric analysis and fabric testing for quality and probable serviceability in relation to use. PR: Home Ec. 210. Miss Hall.

INDUSTRIAL ARTS*

Mr. Johnson, Mr. Fowler, Mr. Leonard, Mr. Wise

103. **General Wood work.** Three hours.

A beginning course of wood work in which materials, tools, tool processes, fastenings, and construction are studied. Construction work consists of projects embodying typical tool operations and an introduction to power machines. Mr. Fowler, Mr. Johnson.

110. **General Shop.** Three hours.

This course is designed for those students who have had no industrial education training before coming to this college. Industrial education majors and minors with no previous work in this field should take this course first, also students wishing to discover their interests or aptitudes or to broaden their educational outlook. Mr. Fowler.

113. **Mechanical Drawing.** Three hours.

This course is planned to include the following topics: Care and use of instruments, lettering, orthographic projections, use of auxiliary projections, tracing and blue printing. Mr. Wise.

120. **Materials of Industrial Arts.** Three hours.

A study of the many materials which are to be used in the technical courses which follow. Emphasis is given to the sources and manufacturing techniques which gives each material its particular qualities. Mr. Johnson.

130. **General Electricity.** Three hours.

A study of electrical theory followed by laboratory practice. Bell circuits, house wiring, flourescent lighting, and wiring, and the repair of household appliances will be studied. The making of a miniature motor will be included in the shop projects. Mr. Wise.

140. **General Drawing.** Three hours.

A study of drawing as the universal language of industry. This course is on the college level for beginners. It includes lettering, orthographic projection, developed surfaces, sectional views, working drawings, and blue printing. Mr. Wise.

200. **General Machine Shop.** Three hours.

A beginning course in the fundamental hand and machine tools. Study will involve care and operation of the lathe, drill press, power hack saw, Do-All, and surface grinder. Material and tool specifications will be introduced. Mr. Leonard.

209. **Machine Drawing.** Two hours.

A course in which the characteristics of metals and machine parts are studied. Typical machine elements such as screw threads, cams, and gears are drawn and blueprinted. Mr. Wise.

214. **General Crafts.** Three hours.

Craft work in plastics, leathers, and metals. A study will be made of plastics and their uses. Leathercrafts will involve designing, tooling, and surface enrichment. Metal craft will be in copper, brass, silver, and stainless steel involving forming, embossing, chasing, planishing, etching and springing. Mr. Fowler.

220. **Sheet Metal.** Two hours.

A beginning course including instruction in laying out surface patterns, making useful articles involving typical stretch outs, joints, wiring, soldering, and riveting. Mr. Fowler.

230. **Electricity.** Two hours.

A study of electrical theory followed by laboratory experiments and practice. Motor and generator circuits, elementary transformer windings, and methods of current control will be studied. PR: 130. Mr. Wise.

242. **Architectural Drawing.** Three hours.

A course in the study of houses. It includes architectural lettering and conventions, plans and elevations, and a study of building materials and specifications. PR: 140. Mr. Wise.

300. **Blueprint Reading.** Two hours.

A course in the reading of the prints and drawings most commonly found in industrial operations. Emphasis will be placed on the development of speed and accuracy in the use of working drawings. Mr. Johnson.

302. **Advanced Woodworking.** Two hours.

Mr. Fowler.

303. **Furniture Construction and Design.** Two hours.

Emphasis will be placed upon the study of furniture design and construction. The student will plan completely for projects to be made in 304. PR: 103. Mr. Johnson.

304. **General Cabinet Making.** Three hours.

A continuation of 303. The projects will be made in conformity with the drawings and specifications developed in the previous course. Advanced work in the use of machine tools, techniques, and processes will be stressed. A high level of craftsmanship will be maintained. PR: 103, 303. Mr. Johnson.

308. **Wood Finishing.** Two hours.

A survey course in the materials and methods commonly used in the finishing of furniture and similar articles, and readily applicable to use in High School shop situations. The various types of dyes, stains, shellacs, varnishes, lacquers, and sealers will be used on sample panels. PR: I.A. 103.
Mr. Fowler, Mr. Johnson.

310. **General Shop.** Three hours.

This is an advanced course in the major areas of industrial arts, permitting those who are planning to teach an opportunity to consolidate their experiences in multiple materials program. PR: 110. Mr. Fowler.

314. **Plastics and Crafts.** Two hours.

Advanced craft work in plastics, leathers, and metals. A continuation of 214, with emphasis on advanced techniques. PR: 214. Mr. Fowler.

320. **Sheet Metal.** Two hours.

A continuation from Sheet Metal 1. Advanced work will be offered in lay-out problems, joints, and other typical sheet metal situations commonly found in duct work. PR: 220. Mr. Fowler.

322. **General Metals.** Three hours.

This is a course providing a variety of experiences in the metal working field. It will include instructional units in art metal, bench metal, sheet metal, and Welding. PR: 200. Mr. Leonard.

325. **Organization and Administration of Industrial Arts.** Two hours.

A course designed to aid the student as a future teacher of industrial arts. Problems of administration, shop arrangement, care of machinery, ordering of materials and supplies, and techniques of shop instruction will be studied. PR: 12 hours of Industrial Arts courses. Mr. Johnson.

334. **Machine Shop.** Two hours.

This class leads the advanced student into the problems and methods of solving these problems in milling machine operations. Gearing problems, equations, gear cutting methods, and the necessary related technical information will form the basis of this course. PR: 200. Mr. Leonard.

335. **Philosophy of Industrial Arts.** Three hours.

This course is designed to give the student a historical background of the industrial arts movement as a basis for developing a philosophy as to the place and function of industrial arts in general education. PR: 325 and 12 hours of Ind. Arts courses. Mr. Johnson.

340. **Mechanical Drawing.** Two hours.

Special problems in mechanical drawing. This course is designed to fill the needs of those who wish to study a special phase of drafting such as the use of the interior perspective method, techniques of inking, advanced machine drafting, etc. PR: 140, or 113. Mr. Wise.

342. **Architectural Drawing.** Three hours.

A continuation of 242 in which design of houses, building materials, specifications, and cost of construction is studied. Each student will develop a complete set of plans, specifications, and cost estimates for his own house. PR: 140, 242. Mr. Wise.

345. **Oxy-Acetylene Welding.** Two hours.

The care, operating, use, maintenance and methods of welding, and brazing the common metals using the oxy-acetylene welding torch. Mr. Leonard.

346. **Arc Welding.** Two hours.

The care, operation, use, maintenance, methods and safety precautions necessary in the welding of common metals by the use of the arc welder. Welding will be done with AC and DC welding machines, oxy-arc cutting process and the Hiliarc Process dealing with hard-to-weld metals. PR: 134, 322. Mr. Leonard.

360. **School Shop Planning.** Two hours.

Designing plant facilities for the Industrial Arts area of the school program. A study of the placement and the use of the proper type of equipment used in the school shop in relation to the community in which the school is located. PR: 140, 325. Mr. Wise.

388. **Cabinet Making.** Two hours.

A continuation of 304 with emphasis on the use of advanced techniques in the design and construction of home furniture. PR: 304. Mr. Johnson.

404. **Building Construction.** Four hours.

Actual construction of small buildings and the problems involved in the erection of the building from the ground up. Summers only. PR: I.A. 101, 242, 342, or 12 hours of I.A. work Mr. Johnson.

404A. **Building Construction.** Two hours.

A continuation of 404. PR: 404. Mr. Johnson

405. **Building Construction.** Four hours.

A continuation of 404 with emphasis on interior carpentry and trim work. PR: 404. Mr. Johnson.

405A. **Building Construction.** Two hours.

A continuation of 405. PR: 405. Mr. Johnson.

408. **Cabinet Making.** Two hours.

Further study beyond the work done in 388. Particular attention is given to the use of veneers, inlays, overlays, and other advanced methods of enhancing the finished appearance of projects. PR: 304, 388. Mr. Johnson.

415. **Driver Education.** Two hours.

A course designed to prepare the licensed driver for teaching driver education programs in high schools. A classroom and laboratory program which requires each class member to teach at least one non-driver. Prerequisities: Upperclass status, two years of accident-free driving and Health 241, First Aid and Safety Education. Offered each semester and summer. Mr. Johnson.

420. **Sheet Metal.** Two hours.

A course designed to develop the student in the mastery of more advanced problems in sheet metal layout and forming. Emphasis will be placed on the type of work normally met in the heating and air conditioning industry. PR: 320.
Mr. Fowler.

422. **General Metal.** Two hours.

A continuation of 322, with advanced training in metal working and covering the additional areas of forging, foundry and heat treating. PR: 322.
Mr. Leonard.

434. **Machine Shop.** Two hours.

A continuation of 334, with advanced training in the operation of the milling machines and the various types of grinders. PR: 200, 334.
Mr. Leonard.

442. **Architectural Drawing.** Two hours.

Advanced problems of architectural design, incorporating the classical motifs in the overall scheme of housing and building plans. Shades and shadows, perspective, detailing, and the making of a model will complete the architectural sequences. PR: 242, 342. Mr. Wise.

450. **Machine Drawing.** Two hours.

Industrial illustrating. This courses involves a study of machine design, metals, and alloys. Small machine assemblies will be drawn by the exploded view method showing all parts in relation to other parts. This type of drawing is used extensively by industry for assembly purposes. PR: 140, 350.
Mr. Wise.

462. **Architectural Drawing.** Two hours.

A class in the study of the Classic Orders of Architecture. Emphasis will be given so as to show the great influence the Architectural Orders have exerted on architectural styles throughout the centuries up to and including the present. PR: 242, 342, 442. Mr. Johnson.

474. **Industrial Maintenance.** Two-three hours.

Care and maintenance of industrial equipment pertaining to the metal working trades, improvement in shop layout and equipment facilities. PR: senior standing and advanced training in the metal areas. Mr. Leonard.

475. **Mill Wrighting.** Two-three hours.

Care and maintenance of equipment commonly found in the woodworking trades, development of shop organizations and layout and equipment facilities. PR: senior standing and advanced training in the wood-working areas.
Mr. Fowler, Mr. Johnson.

490. **Methods and Materials of Teaching Industrial Arts.** Two hours.

A course in which the particular problems and techniques of teaching Industrial Arts are dealt with. Emphasis is given to the special methods of handling demonstrations, use of special teaching aids and other related problems peculiar to the Industrial Arts shop. PR: 325, 335 and senior standing.
Mr. Johnson.

JOURNALISM

240. **Reporting.** Three hours.

Fundamentals of reporting; gathering, evaluating, and writing news; emphasis on general reporting rather than writing for specialized fields. Valuable as a vocational try-out and for making the student a better newspaper consumer. Open to second semester freshmen and above.

270. **Communications in Society.** Two hours.

A course which reflects the current and important interests in public opinion and propaganda; the influence of old and new forms of communication on the social order; why and how people react to advertising, news publicity, propaganda, and public relations efforts.

271. **The Newspaper and Society.** Three hours.

A study of the development of the newspaper's growth from an organ of a political party to the social instrument of today; present practices and principles of the press; the evolving code of ethics and influence of the newspaper; its competition with radio, television and facsimile.

312. **Publication Problems.** Three hours.

A practical course for teachers who may supervise a school newspaper, yearbook, or handbook; for those who may work on a company newspaper or house organ or in an advertising department; helpful to anyone charged with producing a publication. Problems of staff organization, training, finance, format, type, headlines, etc. will be covered.

340. **Journalism Practice.** Two hours.

An arranged course providing practical experience on the college newspaper, yearbook, local daily newspaper, radio station, plus guided reading in the student's field of major interest; for example, writing for radio, newscasting, magazine article writing, dramatic criticism, newspaper business management, circulation promotion, public relations, advertising. PR: Journ. 240 or consent of instructor.

341. **Journalism Practice.** Two hours.

Continuation of Journ. 340.

LANGUAGE—MODERN FOREIGN

Miss Terry, Mrs. Meisel

French

101. **Elementary French.** Three hours.

Pronunciation, early reading for comprehension of easy prose, elements of grammar, oral and written drill and composition. No credit is given for French 101 without 102. Lab.

102. **Elementary French.** Three hours.

Continuation of 101. One year of high school French is also considered as a satisfactory prerequisite for this course. Lab.

201. **Second Year French.** Three hours.

Reading, grammar and conversation. PR: 101, 102, or two years of high school French. Lab.

202. **Second Year French.** Three hours.
Pronunciation, grammar, reading and conversation. PR: 201. Lab.

301. **Literature of the Seventeenth Century.** Three hours.
Reading of the plays of Corneille, Racine, and Moliere, with outside reports from other writers. PR: two years of College French or equivalent.

302. **Literature of the Eighteenth Century.** Three hours.
Especial emphasis on the writings of Rousseau and Voltaire with readings of the other writers. PR: Same as for 301.

308. **French Conversation.** Lab. Three hours.

309. **Advanced Grammar and Composition.** Lab. Three hours.

321. **Contemporary Literature.** Three hours.

400. **Seminar.** Three hours.

421. **Nineteenth Century Literature to 1850.** Three hours.
Emphasis on Hugo, Balzac, Chateaubriand.

422. **Nineteenth Century Literature Since 1850.** Three hours.
A continuation of 421.

431. **French Civilization and Culture.** Three hours.
PR: 12 hours of French, or equivalent.

Spanish

101. **Elementary Spanish.** Three hours.
Grammar, pronunciation, composition, translation. No credit toward graduation is given for Spanish 101 without 102. Lab.

102. **Elementary Spanish.** Three hours.
PR: Spanish 101 or one year of high school Spanish. Lab.

201. **Modern Spanish.** Three hours.
Rapid reading, grammar and conversation. PR: Spanish 101 and 102 or two years of high school Spanish. Lab.

202. **Modern Spanish.** Three hours.
PR: Spanish 201. Lab.

LIBRARY SCIENCE

Mrs. Rosier, Mrs. Robinson, Mr. Masters

302. **School Library Administration.** Three hours.
A study of organization and administration of the school library, and its place in carrying out the objectives of the school program. PR: 305. Staff.

303. **Cataloging and Classification.** Three hours.
An introduction to principles of cataloging and classifying many types of books used in school libraries. PR: O. A. 101, or its equivalent. Staff.

305. **Selection and Use of Secondary School Library Materials.** Three hours.

This course is designed to aid teachers in the effective use of school libraries as an instrument of instruction. Sources of information about books, other printed material and audio-visual aids, and their use in the secondary school curriculum are studied. Staff.

306. **Reference and Bibliography.** Three hours.

A study of basic reference books, especially those useful in school libraries. Problems in evaluating and using reference books and bibliography making. Staff.

404. **Practice Work.** Two-three hours.

Individual work based on student's previous experience and related to student teaching when possible. PR: 302, 305; O. A. 101, or its equivalent. Staff.

MATHEMATICS

Mr. LaRue, Mr. Whoolery, Mr. Hawkins, Mr. Schneider

110. **Introduction to College Mathematics.** Three hours.

A survey course covering the preliminary concepts of the different branches of mathematics. PR: Consent of the instructor. Staff.

111. **Intermediate Algebra.** Three hours.

PR: One unit of high school algebra. Staff.

121. **Solid Geometry.** Three hours.

PR: Plane Geometry. Staff.

191. **Elementary Analysis.** Five hours.

An integrated course in elementary college mathematics, including college algebra, trigonometry, and analytical geometry. PR: Math 111 or equivalent. Students who do not present Math 111 or equivalent as a prerequisite may satisfy the requirement by examination if at least one and one-half units credit in algebra have been earned. Mr. Whoolery.

192. **Elementary Analysis.** Five hours.

This is a continuation of Math 191. PR: Math 101. Mr. Whoolery.

221. **College Algebra.** Three hours.

PR: Math 111, or the equivalent. Students who do not present Math 111 as a prerequisite may satisfy the requirement by examination if one and one-half units credit in algebra have been earned.

231. **Plane Trigonometry.** Three hours.

PR: Same as 221. Mr. LaRue.

251. **Analytical Geometry.** Four hours.

PR: Math 221 and 231. Staff.

310. **Mathematics for Teachers.** Three hours.

This course is designed to meet the mathematics requirements for the certification of elementary teachers. The course will include an intensive review of the fundamental processes involved in the solution of problems in arithmetic. The principles of learning will be stressed through the use of various techniques as applied to number and quantity. PR: Ed. 202 and demonstration by test of satisfactory competence in arthmetic. THIS COURSE CANNOT BE USED AS MATHEMATICS CREDIT TOWARD CERTIFICATION FOR TEACHING MATHEMATICS IN HIGH SCHOOL.

321. **Differential Calculus.** Four hours.
PR: Math. 121, 192, or 251. Mr. LaRue.

331. **Integral Calculus.** Four hours.
PR: Math. 321. Mr. LaRue.

361. **Higher Algebra.** Three hours.
This course includes determinants, and the theory of integers, real and complex numbers, groups, rings and fields. Staff.

362. **Linear Algebra.** Three hours.
PR: 331 or consent.

372. **Solid Analytical Geometry.** Three hours.
PR: Math. 321. Mr. LaRue.

381. **Statics.** Three hours.
PR: Physics 210, Math. 321, Corequisite Math. 331 Mr. LaRue.

391. **Introduction to Analysis.** Three hours.
Course includes: The real number system, functions, limits, sequences, series, differentiation, integration, and some elementary set theory. PR: Math. 331. Mr. LaRue.

393. **Introduction to Foundations of Mathematics.** Three hours.
PR: 331. Mr. LaRue.

401. **Differential Equations.** Three hours.
PR: Math. 331. Mr. LaRue.

411. **Advanced Calculus.** Three hours.
PR: Math. 331. Mr. LaRue.

MUSIC

Mr. Wellock, Mr. Gragson, Miss Moody, Mr. Robinson

103-104. **Organ.** One hour.
One thirty minute lesson per week. The program of study will be fitted to the individual needs of the student. One hour of private practice per day is required. Acceptance of the student will be the prerogative of the instructor. Miss Moody.

105. **Class Piano.** One hour.
This course is designed for all students interested in beginning piano. This course will be conducted as a class with each member being offered opportunity for participation. Miss Moody.

106. **Class Piano.** One hour.
A continuation of 105. PR: 105. Miss Moody.

107-408. **Piano.** One hour.
One thirty minute lesson per week. See further under music 103-104. Miss Moody.

109E. **Beginning Theory** Three hours.

This course is designed for beginning music students who need additional background in Theory. Credit for this class is also used as the theory requirement for elementary teachers with music as a minor assignment. This class may be omitted from a students program on examination. Mr. Wellock.

109. **Theory.** Four hours.

This course is designed to acquaint music majors and minors with the techniques of the 18th and 19th century styles of composition. The following elements are included: chord structure and progressions (harmony); application of these principles to the piano (keyboard); correlating the eye and the ear (dictation and sight singing); understanding of phrase structure (form and analysis). PR: 109E. Staff.

110. **Theory.** Four hours.

A continuation of 109. PR: 109. Staff.

139. **Class Voice.** One hour.

Course consists of a study of the fundamentals of voice production: breathing, resonance articulation and style. Mr. Robinson.

141-142. **Voice.** One hour.

Open to students who have sufficient musical background and vocal quality to merit individual instruction. The principles of proper vocal production are stressed with later emphasis upon solo repertoire in English, Italian, German and French. Mr. Robinson.

167-468. **"Collegiates".** One hour.

A select touring choir. Members must be enrolled in Music 173-474, College Chorus or may try-out by consent of the instructor. PR: Audition. Mr. Robinson.

*169-470. **Band.** One hour.

Open to all students who can play an instrument needed to keep a balanced organization. The program of procedure is designed to present study of band literature and administration through participation. PR: tryout. Mr. Gragson.

*173-474. **College Chorus.** One hour.

Open to all students who can sing a part. This course is designed to present a study of choral literature, and administration through participation. PR: tryout. Mr. Robinson.

Individual Instruction in Band and Orchestral Instruments.

Mr. Gragson, Mr. Robinson, Mr. Wellock.

The following courses numbered 177 through 498 are open to students with sufficient musical background to benefit from individual instruction in the techniques of playing band and orchestral instruments. One thirty-minute lesson per week. Acceptance of the student will be the prerogative of the instructor. One hour of private practice per day required.

177-487. **Percussion.** One hour.

179-480. **Saxophone.** One hour.

181-482. **Flute.** One hour.

183-484. **Clarinet.** One hour.

185-486. **Oboe.** One hour.

187-488. **Bassoon.** One hour.

189-490. **Trumpet or Cornet.** One hour.

191-492. **Baritone Horn.** One hour.

193-494. **French Horn.** One hour.

195-496. **Trombone.** One hour.

197-498. **Tuba.** One hour.

199-499. **Strings: Violin, Viola, Cello, Bass.** One hour.

205. **Music in Human Relations.** Two hours.

A general music course in appreciation required of all students. Music of composers of the classical, romantic, and modern periods are discussed, and composition of these composers are heard through the medium of recordings. Staff.

209. **Theory.** Four hours.

Continuation of Music 110. Emphasis is placed on modulation and the choral style of composition. PR: Music 110. Staff.

210. **Theory.** Four hours.

Continuation of music 209 with the introduction of the contrapuntal style PR: 209. Staff.

211. **String Class.** One hour.

This course is open to all students with sufficient background in music. A working knowledge of string instruments is attained through class instruction. Mr. Robinson.

213. **Brass Class.** One hour.

This course is open to all students with sufficient background in music. A working knowledge of brass instruments is attained through class instruction. Mr. Gragson.

215. **Woodwind Class.** One hour.

This course is open to all students with sufficient background in music. A working knowledge of the instruments of the woodwind choir is attained through class instruction. Mr. Gragson.

217. **Percussion Class.** One hour.

Open to all students with sufficient background in music. A working knowledge of percussion instruments is attained through class instruction. Mr. Gragson.

243-244. **Advanced Vocal Ensemble (Male Quartette).** One hour.

Open to advanced vocal students. PR: audition. Mr. Robinson.

247-448. **Stage Band.** One hour.

Open to advanced instrumental students. PR: audition. Mr. Gragson.

249-450. **Advanced Instrumental Woodwind Ensemble.** One hour.

Open to advanced woodwind students. PR: audition. Mr. Wellock.

275-476. **Advanced Brass Instrumental Ensemble.** One hour.

Open to advanced instrumental students. Designed to give students an opportunity to participate in small ensembles. Groups meet on a regular weekly rehearsal schedule under faculty direction. PR: audition. Staff.

277-478. **Advanced Vocal Ensemble. (Madrigal Singers)** One hour.

Open to advanced vocal students. Designed to give students experience in small ensemble participation. Groups meet on a regular weekly rehearsal schedule under faculty direction. PR: audition. Mr. Wellock.

313. **History.** Three hours.

This course traces music from the early Greek through the Baroque periods, with emphasis on recognition of styles and composers. Mr. Robinson.

314. **History.** Three hours.

A continuation of Music 313 covering the Classical and Romantic periods. PR: Music 313. Mr. Robinson.

320-421. **Techniques of Keyboard Accompanying.** One hour.

A course designed to acquaint advanced students of piano and organ with the techniques involved in playing accompaniments for performing groups and soloists. Regularly scheduled laboratory experiences in playing accompaniments for vocal and instrumental soloists and ensembles will be provided. This course may be substituted for applied piano. PR: Permission of instructor. Miss Moody.

331. **Elementary Music, or Music as an Art and a Science.** Three hours.

This course gives the student a background in theory, terminology of music, scale building, rhythm, use of syllables, numbers and letters in music reading, chord construction, and use of the keyboard and autoharp. Two lecture hours and one laboratory hour per week. Required of all elementary teachers. Mr. Wellock.

332. **Music Materials and Procedures.** Three hours.

This course includes materials, methods and procedures for carrying out the music program in the elementary grades or through six. PR: Music 331. Mr. Wellock.

345. **Choral Conducting.** Two hours.

This course includes the basic techniques needed for the conducting of Junior and Senior High School music groups. Baton techniques, interpretation, score reading, and repertoire are emphasized. PR: 209. Mr. Robinson.

346. **Instrumental Conducting.** Two hours.

This course includes the basic techniques needed for conducting Junior and Senior High School instrumental music groups. Baton techniques, interpretation, score reading, repertoire, and elementary orchestration are emphasized. PR: 209. Mr. Gragson.

431. **Music Education for Secondary Schools.** Three hours.

This course deals with the techniques and materials involved in teaching and administering music classes and performing organization in the junior and senior high schools. PR: Music 346. Mr. Wellock.

PHILOSOPHY

Mr. House, Mr. Cannon

200. **Introduction to Philosophy.** Three hours.

A survey of the principal problems arising out of man's attempts to organize his experience and direct his existence.

300. **Logic.** Three hours.

An analysis and exposition of the requirements for justifiable deductive and inductive reasoning. The principles of rational argumentation and inference in scientific methods are emphasized.

325. **Ethics.** Three hours.

An historical study of the basis of judging human actions right and wrong, good and bad. The main classical positions are evaluated and the impact of contemporary knowledge upon the central problems of ethics will be discussed.

350. **Comparative Religion.** Three hours.

Description and analysis of the philosophical systems underlying the major non-Christian religions. Attention will be focused upon the historical and psychological development of religious beliefs.

375. **History of Christian Thought.** Two hours.

A survey of the contributions of the more significant thinkers shaping the Christian tradition. The development of some central Christian beliefs will be traced and linked to contemporary viewpoints.

400. **Philosophy of Religion.** Three hours.

A detailed study of man's effort to work out a rationally justifiable religious view of his destiny. Presentation of classical and contemporary problems and solutions is emphasized.

425. **History of Ancient and Medieval Philosophy.** Three hours.

A survey of the progress of philosophy in the West from Classical Greece through the decline of the Medieval systems.

475. **History of Modern Philosophy.** Three hours.

A survey of the progress of philosophy in the West from Descartes to the present.

PHYSICAL EDUCATION

Women's Division—Miss Walters, Mrs. Mason

Men's Division—Mr. Wilson, Mr. Davis, Mr. Duvall, Mr. Floyd

101. **Freshman Orientation. (W)** One hour.

Introduction to physical education activities. Staff.

111. **Freshman Orientation. (W)** One hour.

Continuation of 101. Staff.

115. **Freshman Orientation. (M)** One hour.

Physical education activities for men. Practice and participation in "Physical Educational Activities Night" required Mr. Duvall.

116. **Freshmen Orientation. (M)** One hour.
Physical education activities for men. Practice and participation in "Physical Education Activities Night" required. Mr. Duvall.

117. **Hockey and Soccer.** One hour.
(Women) Miss Walters.

131. **Beginning Swimming.** One hour.
Elementary swimming skills. Miss Walters.

201. **Football.** One hour.
Theory and practice in fundamentals. (M) Mr. Duvall.

202. **Basketball.** One hour.
Theory and practice in fundamentals. (M) Mr. Davis.

203. **Baseball.** One hour.
Theory and practice in fundamentals. (M) Mr. Wilson.

204. **Track.** One hour.
Theory and practice in fundamentals. (M) Mr. Davis.

205. **Golf.** One hour.
Theory and practice in fundamentals. (M) Mr. Wilson.

206. **Tennis.** One hour.
Theory and practice in fundamentals. (M) Mr. Duvall, Miss Walters.

207. **Wrestling.** One hour.
Theory and practice in fundamentals. (M) Mr. Wilson.

208. **Swimming.** One hour.
Theory and practice in fundamentals. (M) Mr. Wilson.

209. **Cross Country.** One hour.
Theory and practice in fundamentals. (M) Mr. Davis.

210. **Soccer.** One hour.
Theory and practice in fundamentals. (M) Mr. Wilson.

214. **Leadership in Graded Games.** Two hours.
Required for Curriculum. Mrs. Hanks.

217. **Skill Techniques.** One hour.
Team Sports for Women. Miss Walters.

219. **Skill Techniques.** One hour.
Team Sports for Women. Miss Walters.

226. **Techniques of Modern Dance.** One hour.
Mrs. Hanks.

231. **Intermediate Swimming.** One hour.
Intermediate swimming skills. Miss Walters.

237. **Fundamentals of Tennis.** One hour.
Beginning skills in tennis. Miss Walters.

271. **Team Sports.** Two hours.
Specialization in physical education activities. (M) Staff.

272. **Individual and Dual Activities.** Two hours.
Specialization in physical education activities. (M) Staff.

*310. **Human Anatomy and Physiology.** Two hours.
Mrs. Quintrell.

*311. **Kinesiology.** Two hours.
A study of movement of the human body. Mrs. Quintrell.

316. **Coaching and Officiating: Hockey and Soccer.** Two hours.
PR: 117. Miss Walters.

317. **Stunts and Tumbling.** One hour.
Miss Walters.

319. **Coaching and Officiating: Softball and LaCrosse.** Two hours.
PR: 219. Miss Walters.

320. **Theory of Coaching Football.** Two hours.
Theory and practice. Various systems and styles of play. Mr. Duvall.

321. **Theory of Coaching Basketball.** Two hours.
Theory and practice. Various systems and styles of play. Mr. Davis.

322. **Theory of Coaching Track.** Two hours.
Theory and practice. Practical experience in officiating; administration of track and field meets. Mr. Davis.

323. **Theory of Coaching Baseball.** Two hours.
Theory and practice. Practical experience in officiating. Mr. Wilson.

324. **Theory of Coaching Wrestling.** Two hours.
Theory and practice. Mr. Floyd.

325. **Folk Dancing.** One hour.
Mrs. Mason.

326. **Advanced Modern Dance.** One hour.
Mrs. Mason.

327. **Coaching and Officiating: Volley Ball and Basketball.** Two hours.
PR: 117, 217, 219. Miss Walters.

329. **Officiating Football and Basketball. (M)** Two hours.
Rules; techniques of officiating and laboratory work. Mr. Duvall.

330. **Advanced Swimming.** Two hours.
PR: 231 or permission of instructor. Miss Walters.

331. **Life Saving and Water Safety.** Two hours.
PR: 330 or permission of instructor. Miss Walters.

337. **Advanced Tennis. (M. & W.)** One hour.
Advanced strokes and participation in tournament play. Mr. Duvall.

351. **History and Principles of Physical Education.** Two hours.
Foundation of physical education. Miss Walters.

361. **Methods in Physical Education.** Two hours.
Open to P. E. majors only. Miss Walters.

365. **Activities Assisting. (M. & W.)** One hour.
Practice and participation in "Physical Education Activities Night" required. Staff.

417. **Advanced Stunts and Tumbling.** One hour.
PR: 317. Miss Walters.

425. **Children's Rhythms. (M. & W.)** One hour.
Mrs. Hanks.

461. **Organization and Administration of Physical Education. (M. & W.)** Two hours.
PR: Two or more courses from 200 to 212. Mr. Wilson.

PHYSICAL SCIENCE

Mrs. Ford, Mr. Haught, Mr. Collins.

The two courses in General Physical Science are organized to provide students a survey of the field of the physical sciences. These courses should not be scheduled by students who plan to include physics and/or chemistry in their programs.

201. **General Physical Science.** Three hours.
A survey of the subjects of mechanics, heat, sound, light and electricity. No credit is allowed if credit in physics is earned.

202. **General Physical Science.** Three hours.
A survey of the elements of chemistry, geology, and astronomy.

341. **History and Philosophy of Science.** Two hours.
Mrs. Ford

PHYSICS

Mrs. Ford

101. **Introduction to Physics.** Four hours.
A course designed for predental, premedical, and teaching curricula. A two-hour laboratory period each week supplements the three lecture-recitation periods. Elementary principles of mechanics, sound, and heat are studied in this course.

102. **Introduction to Physics.** Four hours.
A continuation of 101; includes a study of magnetism, electricity, and light.

201. **Demonstrations in Physics.** Two-three hours.
Effective use of everyday materials to illustrate physical phenomena, experience with a variety of lecture equipment, and practice in planning and executing demonstration describe the nature of this course. It is designed to serve teachers in both the elementary and secondary schools. PR: Consent

of the instructor is sufficient, but a course in one of the physical sciences is highly recommended.

210. **General College Physics.** Five hours.

This course is offered primarily for students with majors or minors in physics. Pre- or corequisite: calculus. Not open to students with credit in Phys. 101 or 102. Mechanics, sound and heat.

211. **General College Physics.** Five hours.

Continuation of Phys. 210. Pre- or corequisite: calculus. Magnesium, electricity, and light.

310. **Electricity and Electronics.** Four hours.

This course includes static electricity, direct and alternating current theory and means of transforming electrical power. The theory of the vacuum tube and electronics is introduced. Four hours laboratory and two hours lecture each week is required.

320. **Mechanics.** (Alternates annually with 420) Three hours.

A course in mechanics applied to the study of particles and objects in space with the general principles of astronomy and the information of rotating system in the universe. General theories of the universe and experimental facts will be presented in an elementary manner.

321. **Mechanics.** (Alternates annually with 421) Three hours.

A continuation of 320.

340. **Special Problems.** Two-three hours.

Individual studies by advanced students of problems of special interest in the field of physics. PR: Physics 210, 211, or equivalent; Math. 321, 331.

420. **Introduction to Atomic Physics.** Three hours.

(Alternates annually with 320).

This course deals with the study of charged particles, ionization, and conduction of electricity through gases, electromagnetic radiation, and the theory of atomic structure.

421. **Introduction to Atomic Physics.** Three hours.

(Alternates annually with 321). A continuation of 420.

POLITICAL SCIENCE

Mr. Troisi

103. **American National Government.** Three hours.

A survey of American government devoted to the consideration of the origins, constitutional basis, and functions of the Federal System.

200. **Principles of International Relations.** Three hours.

A study designed to acquaint the student with the theory and practice of international relations.

203. **Comparative Government.** Three hours.

A survey designed to give a broad general acquaintance with the political institutions and government practices of certain nations.

206. **American State and Local Government.** Two hours.
Investigation of the functions of government as performed on the state and county level.

303. **Political Parties.** Three hours.
A study of the origins, growth, and development of the American political party.

304. **American Constitutional Government.** Three hours.
A study of the constitutional development of the American Federal System.

305. **American Political Theory.** Three hours.
A study of the political literature which has given expression to the ideas of individual liberty enjoyed by American citizens. PR: Pol. Sci. 103, or consent.

406. **International Problems.** Three hours.
The foreign policies of the nations and the machinery established and functioning for the peaceful adjustments of international differences. PR: Pol. Sci. 103, or consent.

PSYCHOLOGY

Mr. Cannon

103. **General Psychology.** Three hours.
An elementary introduction to the viewpoint, methods and principles of the science of behavior. Three hours lecture weekly.

250. **Experimental Psychology.** Three hours.
An introduction to procedures of experimental research, including principal topics of investigation, their representative experimental designs and laboratory techniques. Two hours lecture, two hours laboratory weekly. PR: 103.

300. **Psychology of Personal Adjustment.** Three hours.
A basic course in the analysis of human behavior. Special emphasis is given to the mechanisms of adjustment and the development of a systematic adjustment theory. Three hours lecture weekly. PR: 103.

350. **Statistics.** Three hours.
Elementary statistical description and analysis as employed particularly in the behavorial sciences. Three hours lecture weekly.

375. **Physiological Psychology.** Three hours.
Discussion of research on physiological mechanisms in behavior. Principal concern will be with central nervous functions. Three hours lecture weekly. PR: 103.

400. **Psychometrics.** Three hours.
General theory of measurement as involved in various areas of psychology such as psychological tests, attitude scales, psychophysics, and quantified behavior theory. Three hours lecture weekly. PR: 350.

425. **Clinical Psychology.** Three hours.

Consideration of theory and evidence dealing with various topics of clinical application such as personality theory, theory of behavior disorders, techniques of diagnosis and therapy. Three hours lecture weekly. PR: 400 or consent.

460. **Seminar.** Three hours.

Discussion of specific research topics as reported in contemporary literature. Each student will complete an individual research project. PR: consent of instructor.

RECREATION

Mr. Davis and Staff

126. **Rhythmic Activities.** One hour.

Includes fundamental rhythms, social mixers, and social dancing. Mrs. Mason.

241. **Introduction to Recreation.** Two hours.

A general survey of recreation systems, trends, policies, problems, and procedures for students interested in field of recreation. Mr. Davis.

324. **Archery and Badminton.** One hour.

Care and selection of equipment and participation. Mrs. Mason.

325. **Square Dancing.** One hour.

American squares, quadrilles, and longways dances. Miss Walters.

336. **Co-Recreational Activities.** Two hours.

Experience in supervising and organizing co-recreational activities. Open to major and minors. Mrs. Mason.

339. **Bowling.** One hour.

Participation. Miss Walters.

341. **Workshop and Recreation Institutes.** Two hours.

Expert demonstrations, lectures by outside authorities. Mr. Davis, Staff.

344. **Recreational Leadership.** One-three hours.

Organizing and directing group activities. Mr. Wilson.

345. **Practice Leadership—Summer.** Two hours.

Carefully planned observation trip to recreational centers and playgrounds with training periods. Mr. Davis.

346. **Theory of Recreation.** Two hours.

Nature and function, theory and problems, familiarizing students with recreation. Staff.

442. **Camping and Youth Organization.** Two hours.

A study of camping movement, outdoor education, and organizations serving youth. Mr. Davis.

443. **Community and Industrial Recreation.** Three hours.

Organization and supervision of recreation for community and industrial groups. Mr. Davis.

445. **Organization and Administration of Playground and Recreation.** Three hours.
A study concerning the administration and organization of playgrounds and recreation in the community and problems vital to operation. Mr. Davis.

SECRETARIAL STUDIES

Mrs. Davis, Mr. Dunn, and Mrs. Pinto

100. **Typewriting for Teachers.*** Two hours.
A course designed for Education majors and those already teaching school. This is a course in the fundamentals of typewriting, preparing typewritten examinations, stenciling, mimeographing and other typing problems of a teacher. No credit by examination. Not open to Secretarial or Business majors, and does not meet the requirement for certification in Commerce. Staff.

101. **Beginning Typewriting*** Two hours.
A beginning course in the fundamentals of the typewriter. This course includes basic machine operations, development of speed and control, vertical and horizontal centering, simple tabulation, memorandums, personal business letters, announcements, simple manuscripts, rough drafts and proof-readers marks. No credit by examination. Staff.

102. **Intermediate Typewriting.** Two hours.
PR: S.S. 101 or one year of high school typing or the equivalent. This course includes the development of speed, control, and sustained typing, business letters, envelopes, tabulated reports, manuscripts, changing typewriter ribbon, and simple business forms. No credit by examination. Staff.

104. **Secretarial Accounting.** Three hours.
Designed to give the secretarial student the accounting skills that will be actually met in on-the-job situations. Basic and simplified in approach with life-like experiences gained from "working" for various professional and business men. Emphasis on the cash-record approach and the fundamental bookkeeping equation. Staff.

201. **Beginning Shorthand.*** Four hours.
A beginning course in Shorthand. Introduction of theory and brief forms of Gregg Simplified Shorthand. Emphasis is on reading and writing of Shorthand at 60 words per minute. No credit by examination. Staff.

202. **Beginning Shorthand.** Four hours.
PR: S.S. 201 or one year of high school shorthand. Continuation of S.S. 201. Emphasis is on the writing of Shorthand from dictation at a minimum of 80 words per minute. No credit by examination. Staff.

211. **Advanced Typewriting.** Two hours.
PR: 102. An advanced course in typewriting adapted to office procedures. This course includes the typing of telegrams, cards, statistical reports, tabulation, business letters with tabulated data, invoices, requisitions, typing of special reports, legal documents, changing typewriter ribbon, and sustained typing. No credit by examination. Staff.

251. **Business Correspondence.** Two hours.

PR: S.S. 102, English 102, 104. An analysis of the physical mechanics of the business letter. This course includes the writing of effective business letters in sales, collection letters, letters of application, telegrams, cablegrams, business reports, and post office services. No credit by examination. Staff.

301. **Advanced Shorthand and Transcription.** Three hours.

PR: S.S. 202 or 2 years of high school shorthand. Emphasis is on the writing of shorthand at a minimum speed of 100 words per minute and producing mailable transcripts, spelling, punctuation and sentence structure are stressed. A complete review of brief forms and derivatives is included. Sustained dictation and transcription of a departmental business vocabulary is emphasized. No credit by examination.

302. **Advanced Shorthand and Transcription.** Three hours.

PR: S.S. 301. A continuation of S.S. 301. Emphasis is on dictation at a minimum of 120 words per minute and producing mailable transcripts. Sustained dictation and transcription of a vocational vocabulary is emphasized. No credit by examination.

311. **Office Machines and Filing.** Two hours.

An orientation and practice course for students in the Business or Secretarial Studies areas. The course includes a study of filing practices and procedures used in modern offices. Approximately two-thirds of the course time is given to practice with representatives calculating, duplicating and transcribing equipment. No credit by examination. Mr. Dunn.

314. **Dictation and Transcription.** Two hours.

PR: Consent of Instructor. A course combining the skills of shorthand, typewriting and English in the process of typewritten transcription. The course includes a systematic review of the major principles of shorthand with emphasis on spelling, punctuation, dictation and transcription techniques. Staff.

351. **Secretarial Office Practice.** Three hours.

A practical course with actual experience in office work. A minimum of 6 hours per week in supervised office work is required for credit in the course. Previous work experience cannot fulfill this requirement. PR: S.S. 211, 302, 2.0 average in major, minor and overall, i.e. for all work attempted. Mrs. Pinto.

* Not open to students with high school credit in typing or shorthand. Students with high school credit in these courses will not receive credit for S.S. 100, 101, or 201 by attendance in course. Students will substitute electives for these courses, preferably from the Department of Business Administration and Business Education.

SOCIOLOGY

Mr. Gray, Mr. Gregg

201. **Fundamental Social Problems.** Three hours.

A general study of the major areas of human relationships. These areas include culture, population, communication, social processes, social control, and representative institutional areas as family, economic, religious and political activity in which social dislocations are common.

202. **Fundamental Social Problems.** Three hours.

A study of specific areas of human relationships in which social problems frequently arise. PR: Sociology 201.

210. **General Sociology.** Three hours.

The origin, development, structure, and function of culture and society will be studied.

301. **Anthropology.** Three hours.

A study of human biological and social origins, including human prehistory, race, the origin and nature of culture, social organization among preliterate peoples, cultural diffusion, and culture change.

310. **Marriage and The Family.** Three hours.

A study of the background, organization, and functions of the American family. Courtship, marriage, marriage adjustment, parenthood, family disorganization and the effect of social change upon the family will be studied. Open to those with credit in H. Ec. 310 and Hlth. 310 only by special arrangement.

320. **Rural Sociology.** Three hours.

A study of the characteristics of rural society including its culture, social relationships, and institutions. Rural society is studied in comparison with urban society as a part of American Society. PR: Soc. 201 and 202.

330. **Urban Sociology.** Three hours.

A study of the characteristics of urban society including its culture, social relationships and institutions. Urban society is studied in comparison with rural society as a part of the American Society. PR: Soc. 201, 202.

340. **Juvenile Delinquency.** Three hours.

A study of what society defines as delinquent behavior and of the young people designated as delinquents. Emphasis will be placed on the causes of delinquency and on the various techniques and methods of prevention, treatment, and rehabilitation. PR: Soc. 201 and 202.

350. **Sociology of Adolescence.** Three hours.

A study of the cultural and social factors associated with adolescence, considered as a period of transition from childhood to adulthood.

360. **The Field of Social Work.** Three hours.

A study of the history and development of social work with special emphasis upon modern social work agencies and the services which they render. Various types of social work will be considered from the standpoint of the prospective social worker. PR: Soc. 201 and 202.

403. **Social Psychology.** Three hours.

A study of social structure and social interaction. Techniques of leadership and control will receive special study. PR: Soc. 201 and 202, or Psy. 203 or 204.

411. **Industrial Sociology.** Three hours.

A study of the organization, structure, function and social relationships found in the various areas of industrial activity found in American society. The area of industrial relations will receive special emphasis.

420. **Educational Sociology.** Three hours.

A study of cultural organization and cultural processes as applied to the modern day school and community. A course especially designed for teachers in service. Offered during Summer sessions and evening classes.

430. **Community Organization.** Three hours.

A study of the structure and function of the various social groupings found in the community. The course is oriented toward the development of community leadership talent. PR: Soc. 201 and 202.

440. **Population Problems.** Three hours.

A study of the social implications of changing birth and death rates; causes of growth and decline of population; relation of population to natural resources; and the influence of population movement upon cultural change and the growth of nationalism. PR: Soc. 201 and 202.

450. **Minority Groups.** Three hours.

A study of racial and cultural minority groups in the United States with special emphasis upon understanding the cause of their persistence and the reason for majority-minority antagonisms. A study of the techniques whereby prejudices are developed and reduced will be made. PR: Soc. 201 and 202.

462. **Introduction to Methods of Research.** Three hours.

It is the purpose of this course to give the student elementary training in the common methods of social science research and the development of bibliographies. PR: Hist. 111 and 112, Soc. 201, 202 and 9 hours of upper level Sociology courses.

490. **Seminar: Social Theory.** Three hours.

A study will be made of the development of Social Theory with special emphasis upon Contemporary Theory. PR: Junior standing with 12 hours of Sociology.

499. **Seminar: Special Problems in Sociology.** One to Three hours.

Open only to Juniors and Seniors majoring in Sociology. Reading and research on subjects suited to the student's need. Total hours limited to six. No more than three hours in any one semester.

SPANISH

(See Languages—Modern Foreign)

SPEECH AND DRAMATICS

Mr. Wallman, Miss Lough, Mr. Rhodes, Mr. Smoker, Mr. Turley

101. **Fundamentals of Speech.** Two hours.

This course includes the elementary phases of oral language training. Reading aloud, short speeches, enunciation, pronunciation, parliamentary procedures. Required of Speech Major. Staff.

105. **Voice and Diction.** Two hours.

This course includes a study of drills for developing proper breath support for producing a strong flexible, resonant voice, with exercises aimed to acquire facility in using a pleasant standard speech; stressing coordination of mind and voice. Articulation and enunciation. Required for Speech Majors and Minors. Staff.

107. **Speech Improvement.** Two hours.

Designed for students who wish to improve the quality of their speaking voices. Training in pronunciation, enunciation, and voice production in order to develop standard speech. Therapy for major speech defects is not administered. May not be substituted for Speech 105. Staff.

120. **Theatre Appreciation.** Two hours.

Study of drama as it occurs on stage, in movies, and in radio and television in order to form a critical appreciation of its purposes and effects. Staff.

151. **Play Production.** Two hours.

Play production methods for the educational theatre. Theory and practical experience in the mounting of plays for public performance. Staff.

152-452. **Theatre Workshop.** Variable Credit.

Directed, practical experience in production of plays for public performance. Scenery design and construction, lighting, properties, costuming, etc. PR: Speech 151 or permission of instructor. Staff.

208. **Spoken English.** Three hours.

Development of ability to communicate in clear, effective, correct English, with emphasis on preparation and delivery of representative types of speech. PR: English 102, 104. Staff.

243. **Debate.** Two hours.

Theory and practice of argumentation and debate. Required of Speech Majors. Miss Lough.

244. **Intercollegiate Debate.** Variable credit.

Training for and participation in individual debates with teams from other colleges and universities and tournament debating throughout the Eastern United States. Miss Lough.

245. **Oratory.** Variable credit.

Study and application of the aims, principles, structure, and delivery of oratory. Performance in competitive oratory. Miss Lough.

251. **Acting.** Two hours.

Theories and methods of acting for the stage. Practical acting experience in student and faculty directed scenes and one-acts. Staff.

301. **Make-Up.** One hour.

Fundamentals in theory and technique of applying theatrical make-up, including laboratory and practical experience. Staff.

301L. **Advanced Make-Up.** One hour.

Application of theatrical make-up for public performances. Mr. Turley.

313 **Interpretation of Shakespeare.** Two hours.

A study of representative Shakespearean comedies. Mr. Rhodes.

314. **Interpretation of Shakespeare.** Two hours.

A study of representative Shakespearean tragedies. Mr. Rhodes.

318. **Modern Drama.** Three hours.

The history of the British drama and the study of modern dramas—British, Continental, and American. Miss Tate.

321. **Summer Theatre: Rehearsal and Performance.** Three hours.

Systematic rehearsal and public performance with the Masquers Town and Gown Summer Theatre. Designed for students who desire stage training and experience. Staff.

322. **Summer Theatre: Production and Management.** Three hours.

Experience in every phase of theatrical production and some phases of theatre management. Experience includes set designing and constructing, lighting, costuming, make-up, box office, house managing, and publicity. Staff.

330. **Fundamentals of Radio and Television Speech.** Two hours.

A familiarization course in modern studio practice, use of broadcasting and recording equipment, and preparation of programs, with some work in radio and television speech and announcing. Mr. Turley.

331. **Children's Theatre.** Two hours.

Theory and practice in the art of directing children's theatre classes. Students teach creative dramatics and direct scenes and plays with children from age 5 to 15 enrolled in the Saturday taught Children's Theatre. Staff.

334. **Radio and Television Production.** Two hours.

Production of and participation in actual broadcasts. A study of the techniques used in programming, directing, continuity writing, and music and sound effects. PR: 2 hours of Speech or permission of instructor. Mr. Turley.

334L. **Radio and Television Production.** One hour.

Continuation of Speech 334 with extensive studio practice. Mr. Turley.

336. **Play Directing.** Two hours.

Principles and techniques of play directing. Special attention given to directing problems in educational theatre: play selection, budgeting, casting, mounting and staging, public relations, and coordination of crafts. Required of Speech Majors. Staff.

336L. **Play Directing Laboratory.** One hour.

Direction and public presentation of a one-act play. Required of Speech Majors. PR: Speech 336. Staff.

337. **Effective Speaking.** Two hours.

Designed to give students advanced training in the art of preparing and delivering public speeches. Required of Speech Majors. PR: Speech 101, or permission of instructor. Mr. Wallman.

340. **Business and Professional Speech.** Two hours.

Designed to give students training in the art of preparing and delivering public speeches for speech situations arising from business and professional needs. Night school only. May be substituted for Speech 337. Mr. Wallman.

345. **Speech Problems of Children.** Three hours.

Designed for classroom teachers and parents. Study of normal development of children's speech and preventive, diagnostic, and remedial techniques for speech defects. Special attention is given to phonetics and eartraining. May not be substituted for Speech 430. Staff.

401. **Extemporaneous Speaking.** Variable credit.

Theory and technique of extemporizing in public speaking situations. Performance in competitive extemporization. Miss Lough.

421. **Interpretation: Poetry.** Two hours.
Staff.

430. **Speech Correction.** Three hours.

An introduction to the field of speech therapy. Emphasis placed on identification of all speech defects, their diagnoses, and preventive and remedial techniques. Miss Lough.

440. **Speech and Dramatics Seminar.** One hour.

Directed study in any of the five fields of speech: public address, speech correction, interpretation, theatre, or radio-television. Designed for Junior and Senior Speech Majors and Minors. PR: Permission of instructor. Staff.

ZOOLOGY

(See Biology)

CAMPUS ACTIVITIES

STUDENT GOVERNMENT ORGANIZATIONS

The Student Government Organization is composed of all students regularly enrolled in Fairmont State College. All of its officers are students and all business is conducted by them. Through this organization student programs and many other activities are undertaken. A student activity fee is collected from all students. This fee covers the cost of student activties and entitles the student to attend all athletic contests, major dramatic productions, and other special programs.

STUDENT COUNCIL

The Student Council is the executive board of the student government organization. It consists of the five student body officers, all class presidents, one member elected by the interfraternity council, one member elected by the honorary and professional organizations, one member elected by the non-fraternity group, and one faculty representative appointed by the President of Fairmont State College.

One of the principal assignments of the Student Council is to meet at the beginning of each semester to determine the allocation of the student activity funds among the various campus activities and organizations. The budgets prepared are then published so that all students may know for what purposes their fees are being used.

STUDENT AND FACULTY SOCIAL CABINET

The Student-Faculty Social Cabinet is composed of representatives of students and faculty under the chairmanship of the Vice President of the Student Council. The campus social program for the school year is arranged through this cabinet.

INTER-FRATERNITY COUNCIL

The Inter-Fraternity Council coordinates the activities of the Men's and Women's Panhellenic Associations.

CLASS ORGANIZATIONS

Organizations are set up for each of the several academic class groups. Each class elects its own officers and carries on such activites as the group concerned desires.

CLUBS AND HONOR SOCIETIES

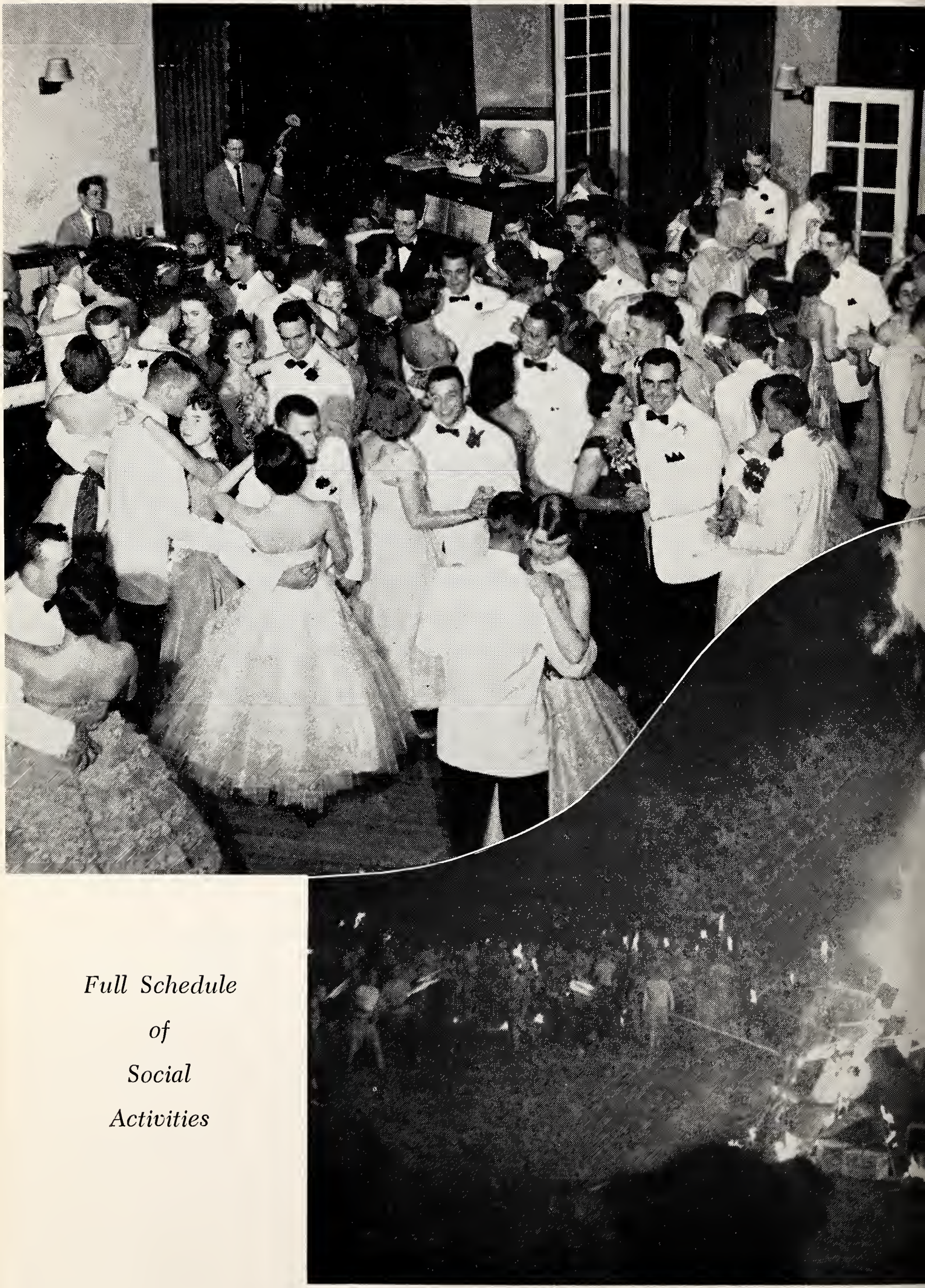
Fairmont State College students have organized a number of clubs and honorary organizations for the promotion of interest in various subject matter fields, for the recognition of outstanding achievement in various campus activities, and for general social purposes. A list of the currently active organizations of this character follows:

Clubs

Academy of Science
Centurions (Independents)
Future Teachers of America
Fu-Se-Fa (Secretarial)
Home Economics Club
Industrial Arts Club
Lettermen's Club
Masquers (drama)
Music Educators National Conference
Newman Club
Pi Kappa Phi (Language)
Roger Williams Fellowship
Student National State Education Association
United Campus Christian Fellowship
Wesley Foundation
Women's Recreation Association

Honor Societies

Alpha Alpha Alpha—Business
Alpha Phi Gamma—Journalism
Alpha Psi Omega—Dramatics
Beta Beta Beta—Biology
Blazers—Senior Women's Honorary
Die Wissenschaften—Scholarship
Epsilon Pi Tau—Industrial Arts Honorary
Kappa Delta Pi—Education
Kappa Gamma—Forensics
Alpha Lambda Sigma—Athletics
Lambda Delta Lambda—Physical Science
Pi Gamma Mu—Social Science
Pi Alpha Phi—Language
Pyramid Society—Men's Honorary



Full Schedule
of
Social
Activities

SOCIAL ORGANIZATIONS

Fairmont State College students have organized and maintained a number of social fraternities and sororities. These organizations provide a medium for social activities and social training. They are regulated by the Men's and Women's Panhellenic Associations, which strive toward high standards of scholarship and leadership among the group and toward developing a good college spirit. These organizations are listed below:

Fraternities	Sororities
Theta Xi (National)	Alpha Delta Chi
Sigma Tau Gamma (National)	Delta Zeta (National)
Tau Beta Iota	Gamma Chi Chi
Tau Kappa Epsilon (National)	Sigma Kappa (National)
	Sigma Sigma Sigma (National)

RELIGIOUS INTERESTS

Fairmont State College maintains a close relationship with the religious organizations of the city. Students are assisted in becoming allied with the church of their choice. The various churches in the city have active groups made up primarily of college students.

PUBLICATIONS

The Columns is the student newspaper published semi-monthly throughout the regular college year with the exception of examination and vacation periods. The Publications Board, representing students and faculty, approves the selection of staff members from a list presented to the Board by the faculty adviser. Consideration is given to those students who have done acceptable work in Journalism or who have had practical experience on publications. **The Columns** is named for the eight stately columns at the front of the Administration Building. It is financed by student fees and advertising.

The Mound is published annually by the students. The administrative officers of the staff are approved by the Publication Board from a list presented to the Board by the faculty adviser. All phases of college life are depicted in the annual, largely by pictures. It was named from an historic spot on a former campus. It is financed by student fees and advertising.

The Student Handbook is compiled annually under the direction of the Student Council. It contains valuable information about Fairmont State College and its varied student activities. It is of real service to new students.

View books and other promotion magazines are published at intervals by the college.

Bulletins, both daily and weekly, are posted on the bulletin boards prominently located in each building. These bulletins carry announcements of all student and faculty activities. Material for these bulletins should be left in Room 212-A. Students and faculty members should consult the bulletin boards daily for important announcements.

MUSIC ORGANIZATIONS

The Fairmont State College Band is a uniformed band of approximately fifty members. This organization is open to both men and women. Tryouts are held at various times throughout the year.

The musical organizations of Fairmont State College—the Chorus and the Collegiates—provide many opportunities for students interested in group singing. These groups present programs at the College assemblies, in neighboring communities, and on the radio. They also give annual public concerts. The Chorus is open to all students, but the Glee Clubs are composed of selected members of the College Chorus.

Students may participate in college ensemble programs by successful try-out.

ORATORY

A stimulating and vital program in public speaking and oratory is encouraged both on a curricular and extra-curricular basis at Fairmont State College. Students make frequent appearances before churches and clubs, and speak on radio programs. An annual competition is held for the M. M. Neely Prize. (See contests.)

INTERCOLLEGIATE DEBATING—THE DEBATE CLUB

Fairmont State College provides a very active program in debating. The Debate Club gives interested students training and experience in the art of debating and several teams are organized each year to meet the teams of other colleges and universities of the United States and Canada. Fairmont teams annually participate in at least five major debate tournaments, several contract debates at home and away, and attend the West Virginia Intercollegiate Speech Festival at Jackson's Mill. Participation in debate is open to all students.

DRAMA

Fairmont's drama department has received national recognition; for here was organized in 1925 the national honorary drama fraternity Alpha Psi Omega. Also Delta Psi Omega, junior college drama honorary, and the Thespians, high school drama society, had their inception at Fairmont State College.

Each year the Masquers, the student drama organization, offers a full season of theatrical productions of varied style and period to student-community audiences. Also several student and faculty directed one-acts are presented throughout the season and are open to the public. Acting and production work for these plays are open to the student body and memberships in Masquers and Alpha Psi Omega are earned through participation in these theatre activities.

During the summer term the Masquers Town and Gown Summer Theatre presents four major productions. Students enrolled in Summer Theatre (Speech 321-322) work with interested and experienced members of the community in order to bring a program of light summer theatre fare to Northern West Virginia theatre-goers.

In addition the drama department offers Saturday classes in theatre to children of the community between the ages of 5 and 15. These classes result in performances of scenes and one-acts by the children for the public.

ASSEMBLIES AND SPECIAL FEATURE PROGRAMS

A limited number of general assemblies are held each semester. The schedule is flexible insofar as the hour is needed for the meetings. The purpose of the assemblies is to provide programs of an educational or entertainment nature and to celebrate special occasions. The general chairman is a faculty member who acts as expediter of the year's program schedule. These programs, which are free to all students and faculty members, are financed by allotments from the student activity. fund.

A cooperative plan is in effect whereby interested students may attend the concerts of the Fairmont Community Concert Association.

CONTESTS

The Frank C. Haymond Constitutional Prize Contest.

In order to encourage a greater interest in and appreciation of the U. S. Constitution, Judge Frank C. Haymond, '06, has established an annual prize of $25. This prize is awarded to any regularly enrolled student who submits the best paper relative to the general theme of "The Constitution." Papers are required to be from two thousand to thirty-five hundred words in length and are due on or before April 15 in each school year. Interested students should apply to the chairman of the Department of History and Political Science.

The M. M. Neely Oration Contest.

For many years the late Senator M. M. Neely offered an award of 100 dollars for excellence in oratory. It is hoped that this contest, open to all regularly enrolled students of the College, may be continued. A faculty committee is in charge of this contest. Interested students should apply to the chairman of the Speech and Dramatics Department.

COLLEGE RADIO PROGRAM

"Campus Highlights," a weekly radio program, is produced by the radio department of Fairmont State College. It has been a regular feature of Station WMMN since 1929. These programs are, for the most part, student productions. All types of radio programs are presented during the regular school year. They provide a means of practical application of techniques studied in the several radio courses offered. Any student at Fairmont State College may audition for radio work. A modern studio is located on the ground floor of the Administration Building.

"Campus Highlights" is also a regular feature of other radio stations of the area.

In addition to the radio programs the college presents a number of television shows each year through the facilities of stations WBOY, Clarksburg, and WJPB, Weston.

INTRAMURAL SPORTS

A regular program of intramural sports is sponsored for the benefit of all students. Teams, contests, and various activities are organized for competitive play among the various groups and organizations. The pool is open for intramural and recreational swimming at certain times. Such facilities as the conditioning room are open for individual and group participation. This is under the supervision of staff members who direct the overall program. Individual participation with selected equipment is in the offering for those interested and concerned with their own development, and not with team participation.

The intramural program includes the following activities: speedball, touch football, tennis, volleyball, basketball, relays, softball, horseshoes, outdoor track, badminton, swimming, archery and foul throwing.

The college realizes that its curricula must be designed to meet the educational needs of the integrated personality of the individual student; this type of intramurals affords such an opportunity.

As the demand for more activities developes the facilities will be increased and the program broadened.

INTERCOLLEGIATE SPORTS

Fairmont State College sponsors an intercollegiate athletic program in football, basketball, baseball, golf, tennis, soccer, and track. There are unusually fine indoor and outdoor facilities and equipment for physical education and recreation. Every young man in college is free to participate in any one or more of the intercollegiate sports and in all recreational activities. The men making up the different teams are not a pre-selected group.

ATHLETIC POLICY

The program of intercollegiate sports at Fairmont State College is supervised by a director of athletics who also serves as chairman of the Men's Physical Education Department. He is assisted in the planning of the program by an athletic committee of the general faculty, and he is assisted in the coaching by three full-time members of the physical education and recreation departments and by part-time coaches of tennis and golf drawn from other qualified members of the staff.

The general objectives of the intercollegiate sports program at Fairmont State College are to teach young men the values of sportsmanship, good physical conditioning, and the disciplinary and social values of organized team play. Specific values include the training afforded prospective coaches and physical education instructors through participation, and the possible acquisition, to some extent, of experiences and skills which may furnish recreational outlets following graduation.

In pursuance of the policies recommended by the North Central Association, the following minimum standards governing intercollegiate athletics are maintained.

1. The ultimate responsibility for the conduct of the athletic program rests with the President.
2. The members of the coaching staff are regular members of the faculty and have the same professional status, qualifications, salaries, and tenure as other faculty members.
3. Students participating in athletics are admitted by the Director of Admissions on the same basis as other students. Athletes are required to maintain the same academic standards as non-athletes.
4. The award of scholarships, student loans, and student employment to an athlete is made through the same agency of the College and on the same basis, as grants of aid to all other students. All employed students are required to give full and honest work for pay received.
5. All athletic funds are handled by the Business Manager of the College. An audit of the receipts and disbursements of these funds is made annually by the auditors of the West Virginia Tax Commissioner for the benefit of the West Virginia Board of Education and other interested parties.
6. The College does not bring prospective athletes to the campus for tryouts, nor does it pay the expenses involved in college visitations by such persons.
7. An effort is made to compete only with college having similar educational and athletic policies.
8. Fairmont State College is a member of the West Virginia Intercollegiate Athletic Conference and athletic participation is regulated and controlled by the eligibility rules of the Conference. Copies of these rules are on file in the Office of the Director of Athletics.

AWARDS

At Recognition Day exercises, held near the close of each college year, awards are granted to students for outstanding achievements in various campus activities. Among these awards are the following.

The American Legion Medals for outstanding scholarship, leadership, service, courage, and honor; athletic letters to those who have met the requirements established by the Athletic Committee; jackets to senior lettermen; block letters to those members of the band who have had five semesters with at least a 3.0 average; a cash award by Zeta Beta Phi, biology honor society, to the outstanding freshman in biology; a cash award by the Fairmont Woman's Club to the freshman submitting the best written assignment of the year; the Edna Earl Lowe Memorial cash award of the American Association of University Women to the most worthy senior girl; the Louise Leonard Memorial cash award to the senior achieving the best record in elementary education; a key by Pi Gamma Mu to the senior among the Social Science majors who has the highest academic average; keys to the Four Outstanding Seniors selected by the faculty and a student committee for their superior academic achievement and campus leadership; certificates to those seniors elected to Who's Who in American Universities and Colleges; plaques to the senior student attaining distinction in college dramatic activities.

At the same time special recognition is given to those freshmen who achieved a quality point average of 3.5, or better, during the first semester of their beginning year. The Blazers, senior women's honor society announces at this time the names of the women of the junior class elected to the organization; and the Pyramid Society, men's honor society, names its new members.

ALUMNI

The Alumni Association of Fairmont State College is the official organization of all graduates and former students of the "old" Fairmont State Normal School, Fairmont State Teachers College, and Fairmont State College.

The history of the Alumni Association goes back almost to the founding of the institution. A meeting was held on Commencement Day, June 27, 1873, at which time the twenty-nine graduates formed the Association.

Events of special interest to Alumni members include the Annual Homecoming celebration held in the fall semester. An Alumni Luncheon and a reception for the graduates, the alumni, and friends of the college are events of Commencement Week. A Fairmont State College open house is held in connection with the annual meeting of the West Virginia Education Association.

Information concerning the Alumni Association may be had by writing to the Alumni Secretary, Fairmont State College, Fairmont, West Virginia.

SPECIAL SERVICES

THE SUMMER SESSION

Fairmont State College offers a ten-week summer session each summer. This session is made up of two terms of five weeks each.

The requirements for admission and the character of the work offered are the same for the summer session as for the regular year. Credit may be earned in all departments toward the bachelor's degree or toward any of the special certificates authorized by the State of West Virginia. Courses are varied from summer to summer so that students may find suitable work with which they can build up their earned credit toward a degree or certification. For information relative to summer session fees see page 17.

All activities and facilities of the campus are available to students during the summer session. The student body is organized under its own leadership at the beginning of each session. Under their leaders, and certain members of the faculty, a general program of social, recreational, and dramatic events is scheduled.

Fairmont State College always sponsors a number of special features in connection with each summer session. Announcements of such features will be made from time to time by means of press releases, radio announcements and special information sheets.

Special bulletins for the summer session are prepared for distribution. Those interested in working toward any particular teaching certificate or degree, or in renewal of certificates, or in pre-professional courses, or in refresher courses, write for the Summer Bulletin. Address, Registrar, Fairmont State College, Fairmont, W. Va.

EVENING CLASSES

Evening classes are operated for the benefit of teachers and other persons whose employment makes attendance in regular day classes impossible. Classes are ordinarily held on Wednesday evening during the hours from 6:00 to 10:00 although classes may be held at such times as the group involved and the instructor may agree upon. These classes are considered as work done in residence.

In accordance with regulation of the State Board of Education, teachers under contract are limited to a total of nine semester hours of credit during the period of employment each year with a maximum of five credit hours per semester.

EXTENSION CLASSES

Upon request, and when it is possible to provide suitable staff, Fairmont State College will offer off-campus courses to interested groups in the general area of the state it serves. Ordinarily, an enrollment of ten or more persons is necessary before any extension courses may be offered. The enrollment fee is $7.50 per semester hour.

Extension courses may be taken either for credit or without credit, excepting those courses listed definitely as non-credit courses. Students enrolling in extension courses for credit must satisfy all the requirements for admission to Fairmont State College. The work given for credit in extension courses corresponds, as to class requirements, with that given in similar courses on the campus. The credit, however, is recorded as extension credit, and not more than 28 hours of such credit may be included in any student's 128 hour requirement for graduation.

Individual or groups desiring information about extension courses should contact the Dean of the College.

TUTORIAL COURSES

Tutorial courses are courses coming under the "to be arranged" heading, that is, the work of the course is carried on through a series of student-instructor conferences. Regulations adopted by the Faculty of Fairmont State College governing the administration of tutorial courses provided: (1) that not more than 6 hours of the 128 hours required for graduation may be earned in courses of this character; (2) that not more than two semester hours of such credit may be earned in any one semester or term; (3) that the only students eligible to take such courses are those with 64 or more hours of earned credit and a scholastic standing of 2.5, or better. The enforcement of these regulations is in the hands of the several student advisers.

VETERANS SERVICES

Fairmont State College stands ready to assist veterans in every possible way. This assistance includes:

1. The maintenance of the Office of Veterans Coordinator for centralizing all matters pertaining to veterans Administration on the one hand and college authorities on the other.

2. Admission, under certain conditions, as special students, of the veterans who have not completed high school.

3. Allowance of a maximum of 4 semester hours of credit in physical education to those veterans presenting evidence of the completing of the basic training courses in the Armed Forces, provided the student has served one year or more.

4. Acceptance of correspondence work done with fully accredited institutions of higher education cooperating with the Armed Forces Institute for the amount of credit allowed by the institution with which the credit was earned.

5. Cooperation with the regular policy of the American Council on Education in determining and allowing credit for training received in offices or special technical schools, or in the Army Specialization and the Navy College Training Programs.

NURSING EDUCATION

For several years the Fairmont General Hospital School of Nursing has maintained an affiliation with Fairmont State College. Presently, first year students of the School of Nursing complete two semesters at the college—a major part of the preclinical program. The subjects studied include biology, English, nutrition, physical science, psychology, and sociology. The curriculum is designed to contribute effectually to the general education of the students and to provide them with a functional knowledge of the basic sciences.

The Fairmont General Hospital School of Nursing is approved by the American College of Surgeons and the American Medical Association. It is also accredited by the West Virginia State Board of Examiners for Registered Nurses and the National League for Nursing.

Graduates of a nurses' training school have the following fields open to them: army and navy nursing; civilian hospital nursing as staff nurses, supervisors, instructors, superintendents, and administrators; veteran nursing; industrial nursing; public health nursing; health relief and rehabilitation at home and abroad; child health and guidance; occupational therapy; anesthesia; clinical laboratory; X-Ray laboratory.

FACULTY FOR 1963-64

ANZULOVIC, JAMES V., JR., (1962), *Assistant Professor of History and Social Science;* B.A., University of Maryland; M.A. University of Maryland. Candidate for Ph.D. degree.

BROWN, EMMA LEE, (1962), *Library Assistant;* B.A.; Fairmont State College. Graduate work West Virginia University.

CANNON, GEORGE E., (1962), *Assistant Professor of Psychology;* B.A., Fairmont State College; M.A., West Virginia University. Candidate for Ph.D. degree in 1964.

COLLINS, EDMUND E., (1949), *Associate Professor of Physical Science;* A.B. and M.A., West Virginia University; Ed.D., University of Pittsburgh.

CONRAD, HUNTER J., (1961), *Director of Student Personnel and Placement;* B.A., Glenville State College; M.A., West Virginia University.

COPELAND, MARGARET E., (1952), *Assistant Professor of English;* A.B., West Virginia University; M.Ed., University of Mississippi.

COX, HOMER W., (1959), *Business Manager;* B.S., Marshall College.

CREASY, WILLIAM D., (1954), *Professor of Biology;* B.S., West Virginia Institute of Technology; M.S., West Virginia University; Ph.D., State University of Iowa.

DAVIS, JOANNE M., (1962), *Part-time Instructor in Business Education;* B.S., West Virginia University; Graduate work, West Virginia University.

DAVIS, PAUL C., (1949), Chairman of Recreation Department, *Associate Professor of Physical Education and Recreation;* A.B., Glenville State College; M.A., Columbia University.

DAVISSON, A. PAUL, (1947), Chairman of Biology Department; *Associate Professor of Biology;* B.S., University of Kentucky; A.B., Fairmont State College; M.S., West Virginia University.

DILLON, ROXY DOWNS, (1961), *Dean of Women;* B.A., Fairmont State College; B.S., West Virginia University; M.A., West Virginia University.

DUNN, BILLY G., (1956), Assistant Professor of Business Administration; B.S., Concord College; M.S. University of Kentucky; Candidate for Ph.D.

DUVALL, HAROLD S., (1952), *Assistant Professor of Physical Education;* A.B., Fairmont State College; M.A., Columbia University.

EDGELL, FRED B., (1962), *Professor of English;* A.B., Salem College; M.A., West Virginia University; Ph.D., Ohio State University.

FEASTER, ESTON K., (1960), *President;* B.A., Fairmont State College; M.A., West Virginia University; Ed.D., George Washington University.

FLOYD, WILLIAM A., (1959), *Instructor in Physical Education;* B.S., Ohio State University; M.A. West Virginia University.

FORD, ELEANOR M., (1946), Chairman of Physics and Physical Science Department, *Associate Professor of Physics;* B.S., and M.S., West Virginia University.

FOWLER, DWIGHT, (1956), (Assistant Professor of Industrial Arts;) B.S. West Virginia Institute of Technology; M.Ed., Wayne University.

Frye, Neil, (1961), *Assistant Professor of Education;* A.B., Fairmont State College; M.A., West Virginia University.

Gragson, Wesley, (1957), *Assistant Professors of Music;* B.S., Western Kentucky State College; Mus.M., West Virginia University.

Gray, Wayne T., (1951), Chairman of Sociology Department, *Professor of Sociology;* B.S., University of Nebraska; M.A. and Ph.D., University of Wisconsin.

Gregg, Wayne E., (1962), *Instructor in Sociology;* B.A., West Virginia University; M.A., West Virginia University.

Hall, Eva Gertrude, (1950), Chairman of Home Economics Department, *Associate Professor of Home Economics;* A.B., Fairmont State College; M.A., Columbia University.

Hanks, William E., (1962), *Instructor in Speech;* B.A., University of Denver; M.A., Miami University.

Haught, Cleo D., (1925), Chairman of Chemistry Department, *Associate Professor of Chemistry;* A.B., West Virginia Wesleyan; M.S., Ohio State University.

Hawkins, Carl D., (1961), *Instructor in Mathematics;* B.A., Fairmont State College; M.S., West Virginia University.

Hess, Melva, (1951), *Assistant Professor of Home Economic;* A.B., Fairmont State College; M.S., West Virginia University.

House, Clifford R., Jr., (1947), *Associate Professor of Philosophy and English;* A.B., Kentucky Wesleyan College; M.Ed., University of Cincinnati, M.R.E., University of Pittsburgh.

Hunt, George R., (1931), *Professor of Biology;* Ph.B., Denison University; M.A., West Virginia University; Ph.D., University of Pittsburgh.

Jaynes, Edgar N., (1947), Chairman of Business Administration and Business Education Department; *Associate Professor of Business Administration;* A.B., West Virginia University; M.B.A., Boston University.

Johnson, Cyril W., (1947), Chairman of Industrial Arts Department, *Associate Professor Industrial Arts;* B.S., Industrial Education, Stout Institute; M.A., Ohio State University.

LaRue, James A., (1954), Chairman of Mathematics Department, *Associate Professor of Mathematics;* A.B. and M.S. West Virginia University; Ph.D., University of Pittsburgh.

Leonard, Loy W., (1956), *Assistant Professor of Industrial Arts;* A.B., Fairmont State College; M.A., West Virginia University.

Lough, Jo Ann, (1956), *Assistant Professor in Speech and Dramatics;* A.B., Fairmont State College; M.A., West Virginia University.

Marple, Clora, (1954), *Assistant Professor of Education;* A.B., Glenville State College; M.A., West Virginia University.

Mason, Frances L., (1962), *Instructor in Physical Education;* B.A., Fairmont State College; M.A., West Virginia University.

Masters, Robert, (1960), *Assistant Librarian;* B.S., West Virginia University.

McCarty, Pearl S., (1952), *Professor of English;* A.B., Fairmont State College; M.A., West Virginia University; Ed.D., University of Florida.

Meisel, Dorothy D., (1962), *Instructor in French (part time);* B.A., West Virginia University.

Milam, Otis H., Jr., (1953), *Registrar and Director of Admissions;* B.S., West Virginia University; M.A., Marshall College.

Moody, Frances, (1962), *Instructor in Music;* B.A., Concord College; M.A., Columbia University.

Musick, Ruth Ann, (1946), *Associate Professor of Mathematics;* B.S., Missouri State Teachers College; M.S., State University of Iowa; Ph.D., State University of Iowa.

Naegle, Orville D., (1960), *Instructor in Geology and Geography;* B.S. and M.S., University of Cincinnati.

Opp, Paul F., (1923), *Associate Professor of English;* A.B., Mount Union College; A.M., Columbia University; Ped.D., University of Toronto.

Pinto, Gina S., (1956), *Assistant Professor of Business Education;* B.S. and M.A., West Virginia University.

Potesta, Woodrow A., (1948), *Associate Professor of Business Education;* B.S. and LLB., West Virginia University.

Quintrell, Dorothy E., (1955), *Assistant Professor of Biology;* B.S., Wayne State University; M.S., University of Michigan.

Rhodes, Haddon S., (1931), *Associate Professor of English;* A.B., Fairmont State College; M.A., West Virginia University.

Rhodes, Lillian L., (1951), Chairman of Art Department, *Associate Professor of Art;* B.S., Longwood College; M.A., Columbia University.

Robinson, Jay E., (1959) *Assistant Professor of Music,* B.M., Western Michigan University; M.M.E., Indiana University.

Rosier, Josephine L., (1957), *Librarian;* A.B., West Virginia University; B.S.L.S., Columbia University.

Ryals, Wesley, (1959), *Instructor in English;* B.S., Howard College; M.A.T., Duke University.

Schneider, William J., (1962), *Coordinator of Field Services and Instructor in Mathematics;* B.A. Fairmont State College; M.S., West Virginia University.

Smith, G. Wayne, (1954), Chairman of Department of History, Geography and Political Science; *Professor of History;* A.B., Salem College; A.M. and Ph.D., West Virginia University.

Straight, Earl N., (1961), *Associate Professor of Journalism and Director of Public Relations;* B.A., Fairmont State College; M.A. West Virginia University.

Swiger, Elizabeth Davis, (1956), *Assistant Professor of Chemistry;* B.S. and M.S., West Virginia University.

Tate, Marjorie, (1926), *Associate Professor of English;* B.S., Central Missouri State College; M.A., George Peabody College.

Taylor, J. Martin, (1946), *Professor of Education;* A.B., Fairmont State College; M.A., West Virginia University; Ed.D., University of Colorado.

Thralls, Suzanne, (1962), *Instructor in Speech;* B.A., Fairmont State College; M.A., University of Pittsburgh.

Terry, Elizabeth, (1941), Chairman of Foreign Language Department, *Associate Professor of Foreign Languages;* A.B., Marietta College; A.M., University of Wisconsin.

Troisi, James L., (1962), *Instructor in Political Science;* B.A., Lycoming College; M.A., Syracuse University.

Turner, William P., Jr., (1955), *Assistant Professor of History;* A.B., M.A. and Ph.D., West Virginia University.

Wallman, Lawrence A., (1929), Chairman of Speech and Dramatics Department, *Associate Professor of Speech and Dramatics;* A.B. and M.A., West Virginia University.

Walters, Nelle E., (1947), Chairman of Women's Physical Education Department, *Associate Professor of Physical Education;* A.B., West Virginia University; M.A., George Peabody College.

Weihe, Kenneth G., (1950), Chairman of English Department, *Professor of English;* B.S., College of Wooster; M.A. and Ph.D., Yale University.

Wellock, Richard Parker, (1960), Chairman of Music Department, *Associate Professor of Music;* B.S., Southwest Missouri State College; M.A., Columbia University.

Whoolery, Kenneth, (1959), *Assistant Professor of Mathematics;* A.B., Fairmont State College; A.M., West Virginia University.

Willard, Margaret S., (1949), *Associate Professor of Education;* A.B., Fairmont State College; A.M., West Virginia University.

Willertz, John R., (1962), *Instructor in History and Social Science;* B.A., University of Detroit; M.A., University of Michigan.

Williams, Louis R., (1959), *Associate Professor of Art;* B.S., in Education, Bowling Green State University; M.A., Ohio State University.

Wilmoth, Stark A., (1962), *Director of Teacher Education and Field Services;* B.A., West Virginia University; M.A., West Virginia University.

Wilson, W. R., (1939), Chairman, Department of Physical Education; *Associate Professor Physical Education;* A.B., Fairmont State College; M.A., Columbia University.

Wise, Kenneth G., (1948), *Associate Professor of Industrial Arts;* B.S., Ohio University; M.A., Ohio State.

Yost, Paul V., (1960), *Dean of the College;* B.A., Shepherd College; M.A., West Virginia University.

RETIRED MEMBERS OF FACULTY

Jasper H. Colebank, B.A., *Physical Education.*

Eva Day Compton, M.A., *Home Economics.*

Frank Hall, M.A., *Education.*

Maud M. Hull, M.A., *Education.*
Ethel Ice, M.A., *German.*
M. E. McCarty, M.A., *Mathematics.*
Paul F. Opp, M.A., *English.*
Mary B. Price, Music Supervisors Diploma, *Music.*
Jean E. Richmond, M.A., *Home Economics.*
Harold F. Rogers, M.A., *Chemistry.*
Francis Shreve, Ph.D., *Education.*
Herman Arthur Shutts, M.A., *Mathematics.*
R. P. Ward, Ph.D., *Chemistry.*

ADMINISTRATIVE ASSISTANTS

Katharyn E. Smith, A.B., *Assistant Registrar.*
Ruth L. Hawkins, A.B., *Cashier.*
Suzanne Thompson, *Director of the Film Service.*
Nell Prichard Carson, A.B., *Assistant to the Librarian.*
Pearl Brown, *Head Resident at Morrow Hall.*
Beulah Cole, *Head Resident at Pence Hall.*
Doris N. Davis, B.S., *Director of Food Service.*
Georgia Peters, R.N., *College Nurse.*
Maxine Pruitte, A.B., *Manager of the Book Store.*
Jonnie Erdie, *Office of Student Affairs.*
Helen Hopewell, *Administrative Secretary.*
Linda Toothman, *Assistant to the Registrar.*
Joan Harker, *Faculty Secretary.*

ELEMENTARY CRITIC TEACHERS

Crouser, Olene Shaffer
Davis, Mary E.
Fitch, Ruth Fowler
Gray, Carrie Semran
Hamilton, Sarah Knight
Haught, Bessie
Hinzman, W. E.
Irvine, Veva
Jones, Katherine Ebert
Kyre, Pearl
Linger, Beatrice
Lucas, Marzella
Ludden, Lillian
McConnaughy, Helen E.
McCullough, Elnora B.
Meyer, Jane McIntire
Michael, Eleanor A.
Miller, Thomas Byron
Miller, Robert
Mouser, Jessie
Nixon, Ethel Clayton
Nunnally, Gladys
Nuzum, Hazel Rosella
Oney, Ruth Elizabeth
Sarsfield, Mary
Singleton, Mary
Spevock, Michael Rush
Stealey, Ann
Straight, Roselyn
Wilderman, Ruth A.
Wildman, Olive Geraldine

SECONDARY CRITIC TEACHERS

Bashaw, Virgil Ellen
Belton, Marian Howland
Berry, Mildred Jack
Brock, Robert N.
Brookover, Darwin O.
Brummage, Beatrice Geneva
Burns, Doris Weekly
Charlton, Howard
Clayton, Corrine D.
Conrad, Addamae Murphy
Currey, Wilson W.
D'Ariano, Regina Marie
Dawson, Paul Batten
DeBrucque, Helen Smouse
Devito, Teresa Marie
Dowden, Mary Virginia

SECONDARY CRITIC TEACHERS—(Continued)

Everhart, Ronald C.
Feltz, James C.
Freker, Nancy
Frye, Pauline C.
Gaskin, Catharine Holmes
Gump, Larney Ray
Hale, Mildred Leasor
Hall, Lewis W.
Hall, Marie
Hall, Martha B.
Hamrick, Marian Deeds
Hayes, Frederick Lee
Herron, Charles
Hess, Margaret H.
Hobbs, Clarice Oakes
Ice, Agatha
Keener, Earl Richard
Kelly, Alonza Ray, Jr.
Knapp, Betty Lou
LaFollette, Madalyn L.
Lyon, Theda Hurst
Malcolm, Willard
Martin, Irene S.
Mathews, Simon P., Jr.
Matteson, William E.
Mays, Nathaniel Alan
McLane, Margaret
McIntyre, Jack E.
Meredith, Dorothy Ann
Metz, Bertha Glancy
Michael, Carroll
Michael, Newton G.
Michael, Paul G.
Migaiolo, James V.
Miller, Frances J.
Mohrman, Mary
Moore, Walter F.
Morris, Naomi Mae
Mullennex, Judith Ann
Muto, Joseph M.
Myer, William E.
Nallen, Charles Willard
Neptune, Marlyn G.
Newbrough, Thomas C.
Parks, Joanne
Parrish, Janet T.
Pence, Edward A.
Petro, Flora Rose
Phillips, Julia K.
Phillips, G. Louise
Phillips, Ruth Kerr
Powell, James Albert
Powers, Paul Edwin
Priester, H. G. Jim
Reppert, William, Jr.
Retton, Joe, Jr.
Rhodes, Nettie E.
Rice Elizabeth Anne
Rinehart, William Burrell
Rudy, Lanore Gluck
Savereno, Angeline S.
Seccuro, Virginia H.
Shenal, Sandra Y.
Shreve, Angela P.
Smith, Allen F.
Smith, Mary Jane
Snoderly, Kathleen T.
Straight, Harold E.
Sweeney, Hilda H.
Swiger, Clyde S.
Vincent, R. Glen
Wade, Jean Carol.
Woodyear, Ocie
Zinn, Madeline
Currey, Wilson W.
McDonald Ouida
Hall, Marie
Janes, Maronee V.

FACULTY COMMITTEES

Academic Council
Administrative Council
Admission and Credits
Athletics
Campus Planning and Development
Campus Safety, Welfare, and Security
Civil Defense
Commencement
Courtesy
Curriculum
Discipline
Faculty Welfare
International Understanding
Library
Planning
Program
Public Relations
Sabbatical Leave
Scholarship, Loan and Student Aid
Student Center
Student Activities and Organizations

FACULTY ADVISORS

ART:	
Upperclassmen	Miss Rhodes
Freshmen	Mr. Williams
BIOLOGICAL SCIENCE:	
A. B. in Education	Mr. Davisson
B. S. Degree	Dr. Creasy
BUSINESS AND ECONOMICS:	
Upperclassmen	(A-L) Mr. Dunn (M-Z) Mr. Jaynes
Upperclassment (Specializing in Accounting)	Mr. Potesta
Freshmen	Mr. Ryals
Teaching	Mr. Cole
CHEMISTRY:	
Upperclassmen	Mr. Haught
Freshmen	Mrs. Swiger
EDUCATION, ELEMENTARY:	Miss Marple, Dr. Taylor
Curriculum "C"	Mr. Wilmoth
ENGLISH:	
Upperclassmen	Mrs. McCarty, Dr. Weihe
Freshmen	Miss Tate
HISTORY AND SOCIAL STUDIES:	Dr. Smith, Dr. Turner Dr. Ayers
HOME ECONOMICS:	
Upperclassmen	Miss Hall
Freshmen	Mrs. Hess
LANGUAGE: French, Spanish	Miss Terry
INDUSTRIAL ARTS:	
Juniors and Seniors	Mr. Johnson
Sophomores	Mr. Leonard
Freshmen	(A-L) Mr. Fowler (M-Z) Mr. Wise
MATHEMATICS:	
Upperclassmen	Dr. LaRue
Freshmen	Mr. Whoolery
MUSIC:	Mr. Robinson Mr. Gragson, Mr. Wellock
NURSING EDUCATION:	Mr. Conrad
PSYCHOLOGY:	Mr. Cannon

PHYSICAL EDUCATION:	
(Men)	
Juniors and Seniors	Mr. Wilson
Sophomores	Mr. Duvall
Freshmen	Mr. Floyd
(Women)	
Upperclassmen	Miss Walters
Freshmen	Mrs. Mason
PHYSICAL SCIENCE: (Teaching Field)	Dr. Collins
PHYSICS	Mrs. Ford
PRE-PROFESSIONAL:	
Dentistry	Mrs. Qnintrell
Engineering (1 year)	Mr. Hawkins
Law	Dr. Smith
Medical Technology	Mrs. Quintrell
Medicine	Mrs. Quintrell
Pharmacy	Mrs. Quintrell
Social Work	Mr. Gray
RECREATION:	Mr. Davis
SECRETARIAL STUDIES:	Mrs. Pinto
SOCIOLOGY:	Mr. Gray
SPEECH AND DRAMATICS:	
Upperclassmen	Mr. Wallman
Freshmen	Miss Lough
SPECIAL STUDENTS: Certification	Dean Yost
Other	Mr. Conrad
TERMINAL (Two-year) CURRICULA:	
Accountancy	Mr. Cole
Clerical	Miss Copeland
General Education	Mrs. McCarty
Secretarial	Miss Copeland
UNDECIDED:	Mr. Neagle, Mr. House

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BIGGS-JOHNSTON-WITHROW, BECKLEY

FAIRMONT STATE COLLEGE
Fairmont, W. Va.

APPLICATION FOR ADMISSION

Applicants for admission to Fairmont State College are requested to fill in this application and return it to the Director of Admissions at least fifteen days prior to the opening of the semester for which they wish to enroll. A transcript of high school credits for incoming Freshmen and a transcript of college work for upperclassmen, should be sent by the institution(s) in which the credit was earned to the Director of Admissions. In addition, applicants must submit a health form. Transcripts become the property of Fairmont State College. All correspondence concerning admission should be addressed to: Director of Admissions, Fairmont State College, Fairmont, West Virginia.

Recent
Snapshot

Name in Full______________________________ Date________________
Last First Middle Mo. Day Year

Home Address________________________ Married? ☐ No ☐ Yes ☐ Divorced

Date of birth________________ Place of birth____________________ Sex________
Mo. Day Year City State

Parent or Guardian's address________________________________

Occupation of Father (If deceased, Mother)__________________________

High School attended____________________________ Date of graduation__________

Colleges and universities attended, if any____________________________

Dates of college attendance_______________________ Semester hours of credit__________

Why did you withdraw from last college attended?________________________

When do you wish to enroll in Fairmont State College?______________________
DO NOT WRITE BELOW THIS LINE

SEX. M. S. VET	BIRTH DATE			GRADUATE OF					FROM COLLEGE OR UNIVERSITY	RANK	MAJOR CODE	SCAT	ACT	HIGH SCHOOL RANK	TERM ADMITTED		
	MONTH	DAY	YEAR	SCHOOL	CITY	COUNTY	STATE	YEAR							SEM.	YEAR	
32	33-4	35-6	37-8	39-42	43-6	47-9	50-1	52-3	54-5	56-58	59-61	62-4	65-6	67-69	70	71-2	7

List High School Extra-Curricular Experiences, Including Clubs, Class Offices, Honors, Athletics, Music, Dramatics, Publications, etc.

TYPE (Social, honor, etc.)	PARTICIPATION (Little, average, unusual amt.)	AWARDS	OFFICES HELD

Check types of activities you would be interested in continuing in Fairmont State College:

☐ Band ☐ Chorus ☐ Dramatics ☐ Athletics Other ____________ (Indicate Type)

In what department of the college do you wish to enroll? This information is essential as advisers are assigned on this basis.

A. TWO-YEAR CURRICULA LEADING TO ASSOCIATE IN ARTS CERTIFICATE:

☐ Accounting ☐ Secretarial ☐ Clerical ☐ General Education

B. PRE-PROFESSIONAL COURSES:

☐ Pre-Dental ☐ Pre-Law ☐ Pre-Medicine ☐ Pre-Nursing

☐ Pre-Social Work ☐ Pre-Medical Technology ☐ Pre-Pharmacy Other ________

C. BACCULAUREATE DEGREE IN THE FOLLOWING FIELDS: (Check One)

☐ Art
☐ Biology
☐ Business Adm.
☐ Chemistry
☐ English
☐ French
☐ History
☐ Home Economics
☐ Industrial Arts
☐ Mathematics
☐ Music
☐ Philosophy and Psych.
☐ Physical Ed.
☐ Recreation
☐ Secretarial Studies
☐ Sociology
☐ Speech & Dramatics
☐ Undecided

D. BACHELOR OF ARTS IN EDUCATION

☐ Professional Certificate - Grades 1-9 (Elementary)

☐ Professional Certificate - Grades 1-12 (Both elementary and secondary)

☐ Professional Certificate - (Grades 1-12 in ☐ Music or ☐ Art) Check one.

☐ Professional Certificate - Grades 7-12. Select two teaching fields from the following:

☐ Biological Science
☐ Biological and Gen. Science
☐ Commerce-Business Prin.
☐ Commerce-Occupational
☐ English
☐ French
☐ Home Economics
☐ Industrial Arts
☐ Mathematics
☐ Music
☐ Physical Education
☐ Physical Science
☐ Physical & General Science
☐ Social Science
☐ Speech
☐ Undecided

Write a statement descriptive of your purpose in undertaking a college program.

____
Signature

FAIRMONT STATE COLLEGE
1867
FAIRMONT W. VA.